

Author Index

Volume 17, January-December 1997

- Aalto-Setälä K, 2316
Aamir R, 1954
Abbey M, 1163, 3392
Abe K, 2707
Absher PM, 3294
Adam E, 1780
Adam LP, 547
Adams MR, 217, 403, 1128,
1216, 1774, 2004
Adams-Huet B, 2273
Adeli K, 2982
Aeplbacher M, 1623
Agher R, 3071
Agrotis A, 2461
Aguilar-Salinas CA, 72
Aiach M, 3071
Aingorn H, 194
Airaksinen J, 2843
Aitman TJ, 748
Akishita M, 2389
Akita H, 1561
Akkerman J-WN, 1830
Alaupovic P, 715, 1793
Albajar M, 1074
Albanes D, 3475
Albano E, 134
Albers JJ, 1382
Albrecht RM, 3311
Alessandrini P, 3230
Alessi MC, 851, 1550
Alhenc-Gelas M, 3071
Allenberg J, 505
Almasy L, 3147
Almeida MM, 188
Alonso R, 2088
Alpers CE, 2350
Al-Sedairy S, 947
Alzieu P, 3602
Amann FW, 3433
Amar M, 2885
Amore C, 3489
Amouyel P, 851, 2759
Ananyeva NM, 445
Anber V, 2507
Andersen HO, 1504, 2515
Andersen S, 300
Anderson B, 3557
Anderson KR, 2280
Anderson PH, 1157
André P, 919
Andres C, 2188
Andries LJ, 2423
Anfosso F, 1550
Angelini B, 273, 1800, 2287
Angelini GD, 2500
Anglés-Cano E, 2036
Anglin S, 1837
Annex BH, 1313
Anthony MS, 2524
Antikainen M, 841, 1879
Antonucci M, 954
Aoki K, 2801
Aoki N, 3006, 3565
Applebaum-Bowden D,
1128, 3326
Arai T, 1053
Arbeille BB, 2293
Arbini AA, 2825
Arborati M, 954, 3505
Arcieri P, 2548
Ardissino D, 1325, 2418
Armstrong VW, 2316
Arnal J-F, 331, 2679
Arner P, 1472, 2287
Arnesen H, 2576
Arnold S, 1432
Aro A, 809, 3475
Arthur JF, 737
Arts J, 26
Arveiler D, 851, 2759
Asanuma H, 3191
Ashbourne-Excoffon KJD, 2532
Assmann G, 1539, 1591, 2010
Aston CE, 1067
Asztalos B, 1630, 1885
Atalar E, 3626
Atger V, 1605, 2685
Athias A, 2559
Atsma DE, 2177
Attie AD, 3286
Auerbach R, 454
Augustin HG, 2471
Auwerx J, 1756
Aviram M, 2744, 2995
Ayaori M, 2540
Badenhop RB, 3147
Badimon JJ, 3481
Badimon L, 2088, 3481
Baert J, 580
Baeuerle PA, 1901
Bagdade JD, 1128
Baker MT, 1687
Bakillah A, 2955
Bakker HD, 826
Baldwin AL, 3365
Balligand J-L, 1846
Balucan J, 680
Bamford JM, 589
Banning AP, 1872
Baralle F, 91
Barbaras R, 1605
Barbeau ML, 688
Barceló A, 156
Barrett H, 203
Barrett PHR, 72, 881, 2589
Barrie RJ, 3278
Barstad RM, 646, 3049
Basta G, 2646
Bastaki M, 454
Bateman ME, 1527
Bauer KA, 1325, 2825
Bauersachs J, 1746
Baumann G, 2568
Baumann PQ, 3294
Baumstark MW, 348
Bax J, 2655
Bayard F, 2679
Baylis SA, 3079
Beacon H, 802
Bean JA, 2413
Beaty TH, 834, 2729
Beaudet AL, 1517
Becker A, 1024
Becker AE, 3611
Bedford D, 1454
Beeso J, 802
Beilin LJ, 279
Beisiegel U, 1545
Belcher JD, 1171
Belinky P, 2744
Bellomo G, 134
Benda N, 2192
Benetos A, 1152, 1346, 3196
Benlian P, 2316, 2672
Bennett MR, 2326
Bennett V, 797
Benoit P, 2532
Benza RL, 3215
Benzakour O, 2848
Bergbrant A, 3376
Berge RK, 3255
Bergeron J, 3263
Berghuis R, 595
Berglund L, 1822, 3159, 3534
Berk BC, 141
Berkel TJCV, 1995
Berliner JA, 445, 680
Bernardi F, 2418, 2548, 2924
Bernalcon S, 1599, 2663
Bernstein R, 536
Bertina RM, 2548
Bertolini S, 755
Béziers Y, 1346
Bhopatkar-Teredesai M, 2930
Bianchi LA, 1894
Bielicki JK, 1637
Bierman EL, 1667, 2698
Biggs T, 1356
Bignell M, 1662
Binder BR, 114, 465, 723
Bird KE, 925
Birkeland KI, 553
Birkenhäger JC, 2837
Bischof C, 2066
Bisgaier CL, 2132
Bishop-Bailey D, 1644
Bissada N, 2672
Biwa T, 3013
Björkhem I, 1178
Blache D, 1939
Black DM, 1793
Bladbjerg E-M, 2904, 3384
Blanche PJ, 702
Blanco A, 1532
Blanco-Molina A, 1765
Blanco-Vaca F, 1382
Blangero J, 859, 3147
Block PC, 1157
Bloign A, 2843, 2910
Blumberg JB, 429
Blumenthal S, 889
Bobik A, 2461
Bode C, 505
Boehme M, 505
Boer JMA, 560, 595, 1675
Boese M, 672
Boisvert WA, 340
Bolotina VM, 394
Bon GB, 3230
Bønaa KH, 553, 814
Bondjers G, 149, 1011
Boneu B, 520
Bonthu S, 2333
Booyse FM, 3215
Borst C, 2617, 3057
Bosmans JM, 634
Bosmans R, 1924
Bossavy IP, 520
Bostom AG, 1894, 2554
Botma G-J, 560
Bottasso B, 1325
Bouchard BA, 1
Bouchard C, 3263, 3270
Boutouyrie P, 1346
Bovenzi M, 91
Bovill EG, 2167
Bowen RF, 1667, 2698
Bowyer DE, 2448
Boyer MJ, 2004
Bradley WA, 3215
Brammer DW, 181
Brand K, 1901
Branellec D, 2532
Braschi S, 1369, 2559
Brasseur R, 580
Braun M, 2568
Breckenridge WC, 1701
Bredie SJH, 127, 834, 1465
Brehme U, 2192
Brennhausen B, 1591
Bresson R, 2830
Breviaro F, 1599
Brewer HB Jr, 354, 1400, 1813
Briley F, 2885
Briggs MR, 1756
Bröijersén A, 273
Brossstad FR, 646
Brown AS, 802
Brown BG, 1496
Brown SL, 3215
Bruck B, 2192
Brude IR, 2576
Brudi P, 979
Bruin T, 595
Bruneval P, 1649
Brunt JH, 1701
Brunzell JD, 233, 1400
Brussard HE, 324
Buccarelli P, 1662
Buccarelli T, 3230
Buck BL, 375
Bujo H, 996
Bullard DC, 1517
Bullock BC, 2524
Bult H, 634, 1924, 2423
Butleris EJ, 2655
Bunting S, 3593
Burchfiel CM, 760
Burgess AI, 2103
Burke V, 279
Burnett JR, 2589
Busjahn A, 2054
Busse R, 672, 1746

- Butowski PS, 2044
 Buysse N, 1924
 Buytenhek R, 324
 Byrne A, 3224
 Byrnes P, 1527
- Cader A, 141
 Cadroy Y, 520
 Caen JP, 919
 Calabrese S, 1320
 Calvo D, 2341
 Cambien F, 851, 2759
 Camejo EH, 300
 Camejo G, 149, 1011
 Camera M, 265
 Cameron JD, 1163
 Campbell GR, 1267
 Campbell JH, 1267
 Campos H, 1074
 Cannon PJ, 1846
 Cantin B, 1098
 Cappucci G, 2082
 Capron L, 1649, 3602
 Caputo L, 257
 Carew JA, 2825
 Carey DJ, 172, 2609
 Carlson EL, 1734
 Carmassi F, 2646
 Carrasco WV, 3513
 Carroll VA, 114
 Cartee GD, 3286
 Carter AM, 589
 Cartwright J Jr, 1303
 Cary NRB, 2437
 Casagrande S, 91
 Casanada F, 2250
 Caslake M, 1454
 Castoldi E, 2418
 Castro G, 2830
 Castro P, 1532
 Cathcart MK, 1954
 Cattaneo M, 1662
 Cattin L, 91
 Catto AJ, 589
 Cavallari E, 2418
 Cazenave J-P, 1931
 Celentano E, 2082
 Celermajer DS, 2004
 Chait A, 141
 Challande P, 1346
 Chamberlain MA, 51
 Chamot-Clerc P, 1346
 Chan JR, 3557
 Chan L, 889
 Channon KM, 1313
 Chap H, 1605
 Chapman MJ, 786, 954,
 979, 3505
 Chappell DA, 2333
 Charles IG, 3079
 Chaudhry GM, 2793
 Chen C-H, 1303
 Chen H-i, 1682
 Cheng L, 2808
 Chesebro JH, 2430
 Cheung MC, 3513
 Chiarotti F, 2548
 Chiavegato A, 1210
 Chiba T, 2601, 3033
 Chien AJ, 181
 Chisolm GM, 445
 Chiu DS, 2350
 Chiu JJ, 3570
 Choi Y, 3242
- Chomiki N, 851
 Choo J-A, 3242
 Chow LH, 475
 Christ G, 723
 Christensen B, 569
 Christenson SD, 1786
 Christiansen VJ, 164
 Chu G, 1969
 Chu Y, 1786
 Chyou P-H, 760
 Ciabattoni G, 3230
 Cianflone K, 1239
 Cignarella A, 1591
 Cipollone F, 3230
 Cizmeci-Smith G, 172, 2609
 Claesson H-E, 2257
 Claris JAGM, 2617
 Claris RJG, 3057
 Clarke D, 2044
 Clarkson TB, 2524
 Clavey V, 2830
 Clay KL, 3505
 Cle SM, 826, 2672
 Clevidence BA, 1657
 Clowes AW, 2245
 Clunn GF, 2107, 2622
 Coccheri S, 2924
 Codron V, 2759
 Coetze GA, 865
 Cogny A, 2685
 Cohen RA, 394
 Cohen RD, 3428
 Cohn JS, 2630
 Colaizzo D, 2082
 Coleman R, 2744, 2995
 Coleman T, 2532
 Collen D, 2376
 Collet X, 1605
 Colli S, 265
 Collins T, 2280
 Comstock GW, 1780
 Comuzzie AG, 859
 Connelly PW, 1060, 1701, 2753
 Conradt C, 505
 Cooke JP, 3557
 Cooper JA, 1969, 2103
 Cornell ES, 2167
 Cornhill JF, 2209
 Cornicelli JA, 2369
 Corral J, 2548
 Correia LCL, 3626
 Costantini F, 3230
 Cowan LD, 2713
 Crean P, 3224
 Cremer P, 1432
 Crisby M, 2225
 Crook D, 748, 1337, 3449
 Cruickshank K, 1969
 Cuchel M, 1910
 Culala MM, 2698
 Cullaré C, 156
 Cullen P, 1591
 Curtiss LK, 340
 Cushman M, 2167
 Cushman RWEM, 1121
 Cutler JA, 1947
- Da Col PG, 91
 Dabbagh AJ, 2638
 Dachet C, 979
 Daemen MJAP, 1985
 Dagenais GR, 1098
 Dahring TK, 1283
 Dai E, 2359
- Dallongeville J, 2759
 Danek GM, 91
 Danesch U, 1024
 Daret D, 1143, 3602
 Darmann D, 1369
 Dart A, 3392
 Dart AM, 1163
 Date C, 3495
 Daugherty A, 2369
 Davi G, 3230
 Davidson BL, 1786
 Davies MG, 1313
 Davies MJ, 1337
 Davignon J, 1793, 2630
 Davis HJ, 2672
 de Belder A, 802
 De Calmanovici RW, 1599
 de Castellarnau C, 156
 De Caterina R, 2646
 de Faire U, 2776
 de Feyter PJ, 2061
 de Groot ACG, 1003
 de Groot PG, 3202
 de Jong SC, 2655
 de Knijf P, 560, 1918
 de la Faverie JFR, 1346
 de la Llera-Moya M, 2685
 de Maat MPM, 1918
 De Meyer GRY, 634, 1924
 de Oya M, 2088
 de Prost D, 2885
 de Rijke YB, 127
 de Villiers WJS, 865
 de Vries REM, 2177
 de Wit ECM, 3064
 Dean RT, 18
 deBlois D, 188, 2326
 Deeg MA, 1667, 2698
 Defesche JC, 741, 826
 Dejana E, 1193, 2663
 Del Maschio A, 2663
 Dell'Era P, 454
 Collen D, 2646
 DELTA Research Group, 2914
 Demacker PNM, 127, 834
 Demer LL, 680
 Demissie S, 3215
 Dempsey EC, 1203
 Denefle P, 2532
 Denisova L, 797
 Derr J, 2914
 Desgranges C, 3602
 Després J-P, 1098, 3263, 3270
 Devaraj S, 2273
 Dewey CF Jr, 3102
 Di Castelnuovo A, 3489
 Diczfalusi U, 1178
 Dieplinger H, 2316
 Dilley R, 2461
 Dommel S, 3588
 Ding Z, 1356
 Diqueiou A, 520
 Dirnberger E, 2861
 Dolnikowski G, 873, 881,
 1910, 3513
 Donahue RDC, 2413
 Donahue RP, 2413
 Donath J, 1830
 Donati MB, 3489
 Dong QG, 1599
 D'Orazio A, 3489
 Doudin K, 3255
 Drewn DM, 702, 707
 Drevon CA, 2140, 2576
- Drexel H, 3433
 Drouet LO, 919
 Drouin P, 2830
 Druker BJ, 3278
 Du Y, 394
 Dubernard V, 2293
 Duell PB, 1157
 Dugi KA, 354, 1400
 Duhamel-Clérin E, 1931
 Dumitrescu A, 1977, 2257
 Dumke C, 3286
 Dupont E, 3174
 Dupouy D, 520
 Dupuch F, 3602
 Durand P, 1939
 Duriez M, 3196
 Durlach V, 2036
 Durmowicz AG, 1203
 Durrington PN, 1233
 Dusting GJ, 737
 Duverger N, 2532, 2679
 Dworkin L, 2554
- EARS Group, 1675
 Early JF, 1496
 Eckfeldt JH, 1171
 Edmonds M, 802
 Edwards BK, 3475
 Edwards II, 1216
 Egberg N, 2776
 Ehnholm C, 841, 1224,
 1675, 1879
 Ehnholm S, 841, 3021
 Ehrenborg E, 2672
 Ehrhart LA, 2074
 Ehringer H, 2868
 Eichler H-G, 2861
 Eisele T, 1901
 Eisenberg PR, 628
 Elfsäter K, 149
 Elhage R, 2679
 Eliasson B, 2096
 Eligini S, 265
 Elinder LS, 2257
 Elias A, 2744
 Elmer PJ, 2914
 Elorza MA, 156
 Emeis JJ, 2177, 2964
 Emig LL, 181
 Epstein CJ, 1734
 Erdmann E, 1432
 Eriksson M, 273, 2287
 Ershow A, 2914
 Erusalimsky JD, 802
 Esakof DD, 2793
 Escargueil-Blanc I, 331,
 1575, 2158
 Esnouf MP, 2103
 Espinosa E, 1251
 Essenburg AD, 2132
 Essler M, 1623
 Etches W, 2359
 Eto M, 2389
- European Atherosclerosis
 Research Study (EARS)
 Group, 1879
- Evans A, 851, 2759
 Evans RW, 1947
 Everson SA, 1490
 Ewald GA, 628
 Eys GJMM, 665
 Ezban M, 3049
 Ezekowitz MD, 1313

- Fabsitz RR, 2713
 Faergeman O, 741
 Fager G, 2395, 2897, 3527
 Faggin E, 257, 1210
Familial Hypercholesterolemia
 Regression Study Group, 3092
 Fan H-Z, 1382
 Faraci FM, 1786, 2333, 2930
 Farren B, 748
 Farsi BD, 1813
 Faulhaber H-D, 2054
 Faye J-C, 2679
 Felix SB, 2568
 Felton CV, 1337
 Fenton JW II, 483
 Fernández R, 156
 Fernhall B, 1106
 Fernstrom HA, 707
 Ferraresi P, 2418, 2924
 Ferrières J, 851
 Feuerstein IM, 354
 Fievet C, 1756, 2679, 2830
 Finking G, 2192
 Fiol C, 1382
 Fiotti N, 1320
 Firth JC, 1527
 Fischer HG, 2692
 Fischer-Colbrie R, 932
 Fisher MJ, 3139
 Fisicaro M, 91
 Fisslthaler B, 672
 Fitzgerald DJ, 3224
 FitzGerald GA, 2309
 Fitzpatrick LA, 2405
 Fitzsimmons C, 2448
 Fleig JL, 3626
 Fless GM, 3215
 Florentin E, 2559
 Fogelman AM, 1845
 Folcik VA, 1954
 Folsom AR, 51, 1171
 Fonda M, 91
 Ford CM, 475
 Forster BA, 1361
 Forte TM, 889, 1637
 Fortin L-J, 2630
 Fortmann SP, 239
 Foster TA, 1885
 Fournier C, 2036
 Fournier N, 1605, 2685
 Fowkes FGR, 3321
 Fox K, 2044
 Foxall T, 429
 Franceschi C, 755
 Franch R, 1210
 Fraza L, 741
 Freestone T, 10
 Frei B, 1583, 2638, 2975
 Freysschuss A, 1178
 Frid MG, 1203
 Friedman MH, 1356
 Friera A, 969
 Frohlich JJ, 119
 Fröhlich M, 2692
 Frossat P, 569
 Frostegård J, 963, 2257
 Fruchart J-C, 1756, 2759, 2830
 Fruebis J, 1289
 Fuhrman B, 2744
 Fujii T, 252
 Fukuda K, 1962
 Fuller CJ, 2273
 Fulton GJ, 1313
 Funaya H, 3191
 Furlan M, 114
 Fuster V, 542
 Gabbert HE, 2448
 Gabbiani G, 665
 Gadeau A-P, 3602
 Gagné SE, 2672
 Gagnon J, 3263
 Galis ZS, 483
 Gambert P, 2559
 Garcia VV, 2548
 Garfinkel LI, 919
 Gariepy J, 45
 Garlanda C, 1193, 1599
 Garver WS, 2698
 Gawaz M, 3399
 Geiger M, 114
 Genest J Jr, 569, 1239
 Geng Y-J, 2200
 Genina O, 194
 George SJ, 2500
 Gerdes C, 741
 Gerdes LU, 741
 Gerling A, 1901
 Gerstenblith G, 3626
 Giachelli CM, 188
 Giansante C, 1320
 Gianturco SH, 3215
 Giddings JC, 1872
 Gimbrone MA Jr, 2280, 3102
 Ginsberg HN, 2914, 3347
 Giral P, 45
 Giroux L-M, 2630
 Giuliani N, 2082
 Glass CK, 969
 Gluckman RA, 1157
 Glukhova MA, 1003
 Glysing-Jensen T, 2115
 Gmeiner BMK, 2855, 2868
 Gniwotta C, 3236
 Godsland IF, 748
 Gohh RY, 1894
 Goldberg DE, 1490
 Goldberg IJ, 1407, 1414
 Goldberg RB, 2413
 Goldbourt U, 107
 Golden DL, 217, 403
 Gómez-Coronado D, 2341
 Gong EL, 1734
 Gonzalez V, 1289
 Goodall AH, 2044
 Goodwin CA, 2964
 Gordon DJ, 2914
 Gorman PA, 1106
 Goto D, 2707
 Gotoda T, 1376
 Gotto AM Jr, 889, 1303
 Gould M, 2188
 Goulinet S, 786
 Goyette P, 569
 Gracia V, 1382
 Gradus-Pizlo I, 3365
 Graham L, 547
 Grandone E, 2082
 Granger DN, 437, 1521
 Grant PJ, 33, 589
 Grass DS, 2948
 Grauso F, 2924
 Gray RS, 2713
 Greco NJ, 769
 Green D, 51
 Green F, 1918
 Greenberg LJ, 2672
 Greene DJ, 3041
 Greilberger J, 2721
 Grenett HE, 3215
 Griffiths MR, 114
 Griglio S, 954, 979
 Griswold MC, 394
 Grobbee DE, 989
 Groenemeyer BE, 595
 Grønholtdt MLM, 905
 Groot PHE, 1995, 3117
 Gross MD, 1171
 Grossi G, 2924
 Groveman DS, 3248
 Grundy SM, 56
 Guarneri G, 1320
 Gugel N, 2192
 Guidoin R, 1185
 Guldhammer B, 2264
 Guyton JR, 688
 Gwon H-C, 3242
 Gylling H, 38, 83, 1392, 3021
 Gyntelberg F, 1114
 Haas M, 1901
 Haasis R, 2192
 Haddad E-B, 1644
 Hadzopoulou-Cladaras M, 222
 Haffner SM, 64, 1447, 3414
 Hagberg IA, 1331
 Hagen P-O, 1313
 Hainaud P, 919
 Haines AP, 2188
 Hajer A, 536
 Hakamata H, 3013
 Hakim J, 2885
 Hak-Lemmers HLM, 127
 Halevy D, 1432
 Hall S, 1969
 Halldórsson H, 287
 Halley DJ, 2837
 Halnon NJ, 2280
 Halvorsen B, 2140, 2576
 Hamers MJAG, 646
 Hamilton KK, 164
 Hank Juo S-H, 2729
 Hanke H, 2192
 Hanke S, 2192
 Hanley AJG, 1060, 2753
 Hannan MA, 947
 Hannuksela ML, 2940
 Hansen BF, 1504, 2515
 Hansen PS, 741
 Hapfelmeier G, 1024
 Hara S, 1258
 Hara Y, 3302
 Harada K, 1376
 Harano Y, 3302
 Hariawala M, 2793
 Harris RB, 925
 Harris SB, 1060, 2753
 Harrison DG, 2479
 Hasdai D, 2737
 Hashimoto M, 2389
 Hass J, 2910
 Hassinger NL, 2430
 Hasuma T, 3164
 Hathaway DR, 547
 Hatuskami TS, 1496
 Hattori Y, 3302
 Haudenschild CC, 445, 3057
 Haukka JK, 3475
 Havekes LM, 498, 1675
 Hayasaki K, 2232
 Hayden MR, 826, 2532, 2672
 Hayek T, 2744, 2995
 Heaton ND, 3079
 Hedin U, 1977, 2257
 Hedner U, 3049
 Heeneman S, 1985
 Hegele RA, 1060, 1701, 1707, 2753
 Hehrlein C, 2383
 Heidenthal AK, 1024
 Heikkinen S, 1039
 Hein HO, 1114
 Heinecke JW, 1734, 3338
 Heinonen T, 1793
 Heinrich J, 1539
 Heistad DD, 1786, 2333, 2930
 Helbecque N, 2759
 Held I, 2855, 2868
 Helgadóttir A, 287
 Hempel JD, 1947
 Henderson H, 865, 2672
 Henderson LE, 2200
 Hendriks M, 1830
 Hendriks WL, 498
 Hennekens CH, 1687
 Henney AM, 1837
 Henriksen RA, 3519
 Henriksson P, 1178
 Henry M, 851, 1550
 Henry PD, 1303
 Henry R, 2672
 Herderick EE, 2209
 Herijgers N, 1995, 3117
 Herman AG, 634, 1924, 2423
 Herman SM, 2004
 Hermann C, 3588
 Hermann M, 2855, 2868
 Hess DL, 1157
 Heudes D, 1649
 Hicks GW, 181
 Higashi K, 2540
 Higashiyama S, 1962
 Higman DJ, 10
 Hill S, 354
 Hillen B, 2617, 3057
 Hirano K-i, 1053
 Hirata K-i, 1561
 Hirsh J, 1568
 Hjemdal P, 273
 Hjermann I, 2576
 Hjortdal VE, 3620
 Hobman ML, 2359
 Hoch JR, 1614
 Hochleitner B-W, 2808
 Hockin MF, 2765
 Hodis HN, 715
 Hoeg JM, 354, 2209
 Hoen HM, 64
 Hoffmeister A, 2692
 Hofker MH, 498
 Höfeling B, 1432
 Hogg N, 3469
 Hogue-Angeletti R, 932
 Holleran S, 1822
 Holm C, 2287
 Holm G, 3159
 Holm P, 1504, 2264, 2515
 Holme PA, 646
 Holmes DR Jr, 2737
 Holvoet P, 2376
 Holzgang CR, 1157
 Hombach V, 2448, 2692
 Hong MK, 2209
 Hong Y, 802, 2776
 Hoogendoijk CF, 2672

- Hoogerbrugge PM, 1995, 3117
 Hopkins D, 1091
 Hopkins PN, 2783
 Hopkins-Garcia BJ, 1894
 Hori M, 2801, 3191
 Horio T, 731, 3164
 Horiuchi K, 2232
 Horiuchi S, 3013
 Horowitz JR, 2793
 Hoshida S, 2801
 Hourton D, 954
 Hove CEV, 2423
 Howard BV, 64, 2713
 Hoyt RF Jr, 2209
 Hrboticky N, 1024
 Hsieh HJ, 3570
 Hu Y, 2808
 Huang TF, 3461
 Huang Y, 2010, 2817
 Huang YH, 963
 Huber E, 1623
 Huber K, 723
 Huff MW, 1707, 2589
 Hufnagl P, 723
 Huggett AC, 2140
 Hughes AD, 2107, 2622
 Hughes SD, 1725
 Huh J-E, 3242
 Hullett DA, 1614
 Hultén LM, 317
 Hultgårdh-Nilsson A, 490
 Hultin MB, 2875
 Hume DA, 18
 Humphries S, 1837, 1969,
 2188, 2316
 Hunault M, 2825
 Hung WC, 3461
 Hunt R, 1233
 Hunt SC, 2783
 Hurtado I, 1382
 Hurt-Camejo E, 149, 1011
 Hussain MM, 1407, 2955
 Husted SE, 3620
 Hutchins GM, 3626
 Hutson NK, 3278
 Huttunen JK, 3475
 Iacoviello L, 3489
 Igarashi J, 2801
 Igau B, 2830
 Igura T, 1962
 Ihling C, 2218
 Ikeda M, 731, 3033
 Ikeda Y, 3006, 3565
 Ikemoto S, 3495
 Inaba T, 1376
 Inazu A, 1045
 Ingebretsen OC, 553, 814
 Innerarity TL, 1407
 Inoue S, 2389
 Inoue T, 3356
 Inoue Y, 2601
 Introna M, 423
 Inui Y, 1962
 Iribarren C, 1171
 Ishibashi S, 1376
 Ishida B, 889
 Ishigami M, 1053
 Ishikawa K, 3006, 3565
 Ishikawa M, 2389
 Ishikawa T, 1438, 2540
 Isner JM, 2793
 Ito S-i, 898
 Ito T, 2540
 Ives DG, 1121
 Iwai N, 1730
 Jackson CW, 3278
 Jackson T, 2975
 Jacobs DR Jr, 1171
 Jacotot B, 1369, 2559
 Jacques PF, 1894, 2554
 Jäger K, 3208
 James BC, 2783
 James RW, 2935
 Jamil H, 2955
 Jansen H, 595, 1879, 2837
 Jansen S, 1532, 1765
 Jarnet J, 1649
 Jaspard B, 1605
 Jauhainen M, 3021
 Jen CJ, 1682
 Jenner JL, 1657
 Jennings G, 1163, 2461
 Jensen HK, 741
 Jensen LG, 741
 Jenssen T, 553, 814
 Jeppesen J, 1114
 Jeremy JY, 2500
 Jern C, 3376
 Jern S, 3376
 Jernberg P, 2395
 Jerome WG, 654
 Jespersen J, 1918, 2904, 3384
 Jessup W, 18
 Jalal I, 2273
 Jiang H, 3347
 Jilma B, 2861
 Jimenez-Pereperez JA,
 1532, 1765
 Jin F-Y, 2020
 Jing T-Y, 695
 Jogestrand T, 1178
 Johansen B, 300
 Johnson JL, 2500
 Jones NL, 1421
 Jones PJH, 1910
 Jono S, 1135
 Joseph-Monrose D, 1649
 Joven J, 3513
 Jovinge S, 490, 2225
 Judd JT, 1657
 Juhan-Vague I, 851, 1550
 Jukema JW, 2837
 Junker R, 1539
 Jürgens G, 2721
 Juuvonen J, 2843
 Juuvonen T, 2843
 Kähler CM, 932, 2029
 Kähler ST, 932
 Kaikita K, 2232
 Kaiser S, 2383
 Kajiyama G, 3356
 Kakkar VV, 2964
 Kalafatis M, 620, 2765
 Kalnins VI, 2891
 Kaltschmidt C, 1901
 Kalyanaraman B, 3469
 Kamann VS, 2020
 Kambe M, 3356
 Kamboh MI, 1067
 Kameda-Takemura K, 1053
 Kamikubo Y, 2232
 Kanai N, 252
 Kanaki T, 996
 Kanazawa A, 3302
 Kanellakis P, 2461
 Kang C, 2036
 Kanninen T, 3127
 Kano H, 3164
 Kanse SM, 2848
 Kanthou C, 2848
 Kantor HL, 542
 Kapiotis S, 2855, 2861, 2868
 Kaplan GA, 513, 1490
 Kaplan JR, 1774
 Kapur RK, 2875
 Kardassis D, 222
 Karhämä P, 1447
 Kario K, 252
 Karjalainen L, 1039
 Kashyap ML, 2020
 Kastelein JJP, 560, 595, 741,
 826, 2672, 2837
 Katusic ZS, 2405, 2737
 Kauffman RD, 2209
 Kaufmann G, 932
 Kaun C, 723
 Kauser K, 1741
 Kawakami M, 1512
 Kawamura K, 3083
 Kawano K, 3006, 3565
 Kawashima S, 1561
 Kawata S, 1962
 Keaney JF Jr, 2638, 2975
 Keiser JA, 181, 1283
 Kelemen MD, 3626
 Kenngott S, 3399
 Kesäniemi YA, 2940
 Kessler C, 1106, 2880
 Kessler P, 1746
 Khachigian LM, 2280
 Khechai F, 2885
 Kiemeneij LA, 834
 Kim D-K, 3242
 Kim J-W, 3242
 Kim S, 3242
 Kimball BP, 3633
 Kimura M, 1521
 Kinoshita M, 1376, 1730
 Kinscherf R, 2383
 Kiosses WB, 2891
 Kirchmair R, 932
 Kita T, 310
 Kitakaze M, 3191
 Kittaka M, 3139
 Kjeld M, 287
 Klausen IC, 741
 Kleindienst R, 536
 Klein-Soyer C, 1931
 Kleinstiver SJ, 2589
 Klemp KF, 688
 Klevay LM, 2975
 Klut C, 324, 1918
 Knight BL, 3092
 Knight CJ, 2044
 Knight-Gibson C, 715
 Knoblauch H, 2054
 Knopp RH, 375
 Ko FN, 1274
 Kobori S, 3013
 Kockx M, 26, 634, 1003,
 1924, 2423
 Kodama T, 2389
 Koenig C, 2489
 Koenig W, 2692
 Kohler TR, 2245
 Kohen G, 665
 Kohno M, 731, 3164
 Koivisto U-M, 38, 1392
 Kok FJ, 989
 Koller E, 2066
 Kollum M, 2383
 Kolodziejczyk D, 2359
 Kolpakova GV, 1143
 Komesaroff P, 3392
 Kontula K, 38, 83, 1392, 3021,
 3127, 3332
 Kooistra T, 26, 2177
 Koretsune Y, 3191
 Korsgaard N, 2264
 Kortelainen M-L, 574
 Kost C, 2848
 Kostner G, 2307
 Koteliansky VE, 1003
 Kotze MJ, 2672
 Kotzsch M, 3399
 Kovanen PT, 3578
 Kozaki K, 2389
 Kozawa O, 295
 Kramps R, 2061
 Krahn HMJ, 324
 Kranzhöfer R, 483
 Krauss RM, 702, 707,
 1082, 2713
 Krege JH, 1245
 Kreick JS, 181
 Krempf M, 1369
 Krettek A, 2395, 2897
 Kreuse U, 1901
 Kris-Etherton PM, 2914
 Kristensen SD, 3620
 Kritharides L, 18
 Kruger WD, 1157
 Kruyt JK, 3107
 Krut LH, 778
 Kruyssen DACM, 989
 Kübler W, 505, 2383
 Kühn H, 3236
 Kuivenhoven JA, 560, 595
 Kuksis A, 1637
 Kuller LH, 1121, 1947, 2167
 Kullo JJ, 2405
 Kumar A, 2238
 Kume N, 310
 Kunhi M, 947
 Kurose I, 1521
 Kurtaran A, 2066
 Kussie P, 203
 Kusuhara M, 141
 Kusunoki J, 996
 Kuwano M, 2707
 Kuzuya T, 2801
 Kwiterovich PO Jr, 2729
 La Verde R, 1320
 Laakso M, 1039, 1447
 Labeur C, 580
 Labs K-H, 3208
 Lacolley P, 1152, 1346, 3196
 Lagrost L, 2559
 Lahdenkari A-T, 841
 Lahoz C, 2088
 Lallemand C, 2559
 Lalli M, 265
 Lamarche B, 1098
 Lämmle B, 114
 Lamping KG, 2333
 Langan E, 172
 Langenbach LL, 1245
 Langer C, 2010
 Langin D, 2287
 Lanza F, 1931
 Large V, 1472
 Larkin SW, 1644

- Larrue J, 1143
 Larsen LF, 2904
 Larsson P, 2257
 Lassila R, 3578
 Lasunción MA, 2341
 Latour J-G, 1185
 Latour MA, 1091
 Lau P, 203
 Laufer G, 723
 Laurent S, 1346
 Laurila A, 2910
 Lawn RM, 1741
 Laws A, 64
 Lazzarini G, 2646
 Leavitt BJ, 3294
 LeBoeuf RC, 2350
 Lee AJ, 3321
 Lee C, 3639
 Lee ET, 2713
 Lee H-L, 1682
 Lee LV, 628
 Lee RT, 1859
 Lee W-R, 3242
 Lee YM, 3461
 Leenders PJA, 1985
 Leeuwenburgh C, 1734
 Lefebvre A-M, 1756
 Lefevre M, 1885, 2914
 Lefvert AK, 3159
 Legnani C, 2418, 2924
 Legrand C, 2293
 Leijd B, 273
 Leimer M, 2066
 Leinonen M, 2843, 2910
 Leiter L, 1793
 Leitersdorf I, 1756
 Leitinger N, 680
 Lemaitre RN, 1121
 Lemesle MB, 2293
 Lentz SR, 2930
 Leon AS, 3263
 Leon MB, 2209
 Leopold PL, 1421
 Lerman A, 2737
 Lesnikk P, 979
 Leuven JAG, 324
 Levenson J, 45
 Lever MJ, 10
 Levesque EB, 2200
 Leviev I, 2935
 Levy BI, 257, 3196
 Lewis G, 3633
 Lewis JC, 654
 Lewis MES, 2532
 Lewis MJ, 1872
 Li JJ, 898, 2453
 Li SR, 2066
 Li X-N, 3215
 Li Z, 403, 1303
 Lian EC-Y, 3154
 Liao L, 437
 Liapikos T, 3505
 Liau G, 445
 Liaw L, 188
 Libby P, 483, 1859, 2200
 Lichtenstein AH, 873, 881, 1657, 1910, 3513
 Liinamaa MJ, 2940
 Lijnen HR, 2848
 Lima JAC, 3626
 Lin AH, 1517
 Lin QR, 1157
 Lindmark H, 2897
 Lindner V, 2238, 2326, 2471
 Lindstedt K, 3578
 Lins L, 580
 Lithell H, 2287, 3159
 Liu G, 1251, 2532
 Liu J, 2948
 Liu K, 51
 Liu LY, 2359
 Liu Y, 317
 Lombardi DM, 188, 3593
 Lönnqvist F, 1472
 Lopaciuk S, 2825
 López-Miranda J, 1074, 1532, 1765
 Lopez-Segura F, 1532, 1765
 Lostaglio S, 1599
 Lou S, 1303
 Lowe GDO, 3321
 Lucas A, 2359
 Luchoomun J, 2955
 Luft FC, 2054
 Lund-Katz S, 2576
 Lupien PJ, 1098, 1793
 Lupu C, 2964
 Lupu F, 2177, 2964, 3174
 Lüscher TF, 1251, 1483
 Lussier-Cacan S, 569
 Lustig F, 2395, 2897
 Luther T, 3399
 Lutz C, 2192
 Lyberg T, 1331
 Lynn JS, 2107, 2622
 Lynch J, 513
 Lynch SM, 2975
 Ma L, 1045
 Mabile L, 1575
 Mabuchi H, 1045
 MacCluer JW, 859
 Mack WJ, 715
 Mackay AJC, 2655
 Mackman N, 365, 1901
 Mackness B, 1233
 Mackness MI, 1233
 Macri J, 2982
 Macy E, 2167
 Maeda N, 1245, 2010
 Maggi E, 134
 Magnúsdóttir K, 287
 Magot T, 1369
 Mahaney MC, 859, 3147, 3414
 Maher M, 3224
 Mahley RW, 1407, 2817
 Mahot P, 1369
 Majors A, 2074
 Malcom GT, 95
 Malinow MR, 1157, 2930
 Malmström R, 873, 1454
 Manent J, 1605
 Mann KG, 620, 2765
 Manning JM, 1216
 Mannucci PM, 755, 1325, 1662
 Manogaran PS, 947
 Mansfield MW, 33
 Mantovani A, 423, 1599
 Manuck SB, 1774
 Maor I, 2995
 Marais AD, 865, 1527
 Marbet GA, 3208
 March K, 3365
 Marchetti G, 2418, 2924
 Marckmann P, 2904, 3384
 Marcovina SM, 239, 1045
 Margaglione M, 2082
 Mari D, 755
 Mariani B, 3185
 Mariani G, 2548
 Marin C, 1532, 1765
 Marniemi J, 1224
 Marotte F, 257
 Marotti KR, 1517
 Marques D, 925
 Marsden PA, 2479
 Martens C, 1527
 Martí T, 1382
 Martin A, 429, 1583
 Martin C, 2559
 Martin JF, 802, 3079
 Martínez-González J, 3481
 Martin-Padura I, 1599, 2663
 Martins JI, 211
 Maruyama T, 1053
 Marx N, 3399
 März W, 348
 Marzal-Casacuberta A, 1382
 Mascali F, 2418
 Masson D, 2559
 Masuda H, 3083
 Masuda S, 2453
 Mata P, 2088
 Mathew V, 2737
 Matsubara Y, 3006, 3565
 Matsuda H, 3013
 Matsuda Y, 1962
 Matsumura T, 3013
 Matsuo M, 252
 Matsuo T, 252
 Matsuura H, 3356
 Matsuzawa Y, 1053, 1962
 Matthys KE, 2423
 Mattsson EJR, 2245
 Maugeais C, 1369
 Maugeais P, 1369
 Mautner E, 1024
 Maxfield FR, 1421
 Mayeur R, 3534
 Mazany KD, 2132
 McBane RD II, 2430
 McCaffery JM, 1774
 McCall MR, 1637
 McCann BS, 375
 McClelland P, 547
 McConnell M, 2507
 McCredie RJ, 2004
 McCredie RM, 246
 McEwan JR, 1837
 McGill HC Jr, 95
 McKee NH, 2891
 McKenzie CR, 628
 McMahan CA, 95
 McManus BM, 119, 2532
 McPeake JR, 3079
 McPherson R, 203
 Medalie JH, 107
 Megnini JL, 45
 Meilahn EN, 1121
 Meilhac O, 331, 1575
 Melchior EP, 1517
 Melnick JL, 1780
 Mende S, 2880
 Menzel G, 2218
 Menzel H-J, 1675
 Merat S, 2250
 Merati G, 755
 Merhi Y, 1185, 1806
 Merlini PA, 1325
 Merlo C, 114
 Mero N, 2096
 Mesaeli N, 2359
 Metz J, 2383
 Metzler B, 536
 Meydani M, 429
 Mezzetti A, 3230
 Miao H-Q, 194
 Miao L, 2532, 2672
 Michalab M, 2359
 Miettinen H, 38, 83, 1447
 Miettinen HE, 3021
 Miettinen TA, 38, 83, 1392, 3021
 Mietus-Snyder M, 969
 Milani J, 1106
 Millar JS, 1910, 2507
 Miller DB, 1707
 Miller G, 1969, 2103, 3449
 Miller RS, 2430
 Mills LA, 2875
 Milne R, 1045
 Milstien S, 2405
 Mimish LA, 947
 Minami M, 3164
 Minamino T, 3191
 Minno GD, 2082
 Minotti G, 3230
 Mintz GS, 2209
 Mitchell BD, 3414
 Mitchell JA, 1644
 Mitchell JP, 2103
 Mitropoulos KA, 3449
 Miura S, 2601, 3033
 Miwa Y, 1561
 Miyasaka M, 310
 Mizui T, 1258
 Moatti N, 2685
 Mochizuki N, 3033
 Moghadasiyan MH, 119
 Mohamed-Ali V, 2188
 Mohler ER III, 547
 Mohr S, 1591
 Moilanen T, 820
 Molinari-Tosatti MP, 454
 Moncada S, 3079
 Mönting JS, 2218
 Moorjani S, 1098
 Morale M, 2646
 Moran CS, 1267
 Moran N, 3224
 Morand OH, 3107
 Moreau M, 979
 Morganelli PM, 3248
 Mori TA, 279
 Morii H, 1135
 Morisaki N, 731, 996
 Morris J, 279
 Morrow AD, 680
 Morrow JD, 2975, 3236
 Mortimer B-C, 211
 Morton RE, 1716, 3041
 Mörwald S, 996
 Mottram PL, 2115
 Mountney J, 1527
 Moyer JS, 1245
 MRFIT Research Group, 1947
 Muesing RA, 1657
 Mülsch A, 672
 Muna ZA, 3255
 Mundigler G, 723
 Münter S, 2054
 Murata M, 3006, 3565
 Murphy RC, 3505
 Murtomäki S, 1879
 Murtomäki-Repo S, 841
 Muszynski M, 2200

- Mykkänen L, 1447
Myllylä G, 809
- Nadeau MR, 1894, 2554
Nageh MF, 1517
Nagel D, 1432
Nagel T, 3102
Nagler A, 194
Nagura H, 3033
Nagy Z, 2054
Nakajima K, 2540
Nakajima N, 1053
Nakamura H, 1438, 2540
Nakamura S, 2232
Nalbone G, 1550
Nanjo H, 3083
Nasrin N, 947
Nation N, 2359
Nawroth P, 505
Näyhä S, 2910
Nazih H, 1813
Nègre-Salvayre A, 331, 1575, 2158
Negro F, 2935
Nelli EE, 454
Nemerson Y, 2430
Nemoto K, 3033
Nenseter MS, 2576
Nestel PJ, 1163, 3392
Neumann F-J, 1901, 3399
Neumeier D, 1901
Newton R, 1644, 2589
Ngai C, 3534
Nguyen HH, 1303
Nicaud V, 1879
Nielsen LB, 905
Nieto FJ, 1157, 1780
Nilsson J, 490, 2225
Nimpf J, 996
Ninio E, 954, 3505
Nishi E, 310
Nishiuma S, 252
Nishiwaki M, 2540
Nishizawa Y, 1135
Nityanand S, 3159
Nordsgaard BG, 905, 1504, 2515
Nordøy A, 553, 814
Nordt T, 505
Noto D, 1032
Nuotio I, 820, 841
- Oakley FR, 3449
Oalmann MC, 95
O'Brien KD, 1496, 2350
O'Brien T, 2405
Obunike JC, 1414
Ocali O, 3626
Oemar BS, 1251, 1483
Oeth P, 365
Ogawa H, 2232
Ohmichi N, 1730
Oiso Y, 295
Okimoto T, 2707
Olivecrona G, 1545
Oliver MF, 1337, 3449
Oliveria HCF, 1045
Ollivier V, 2885
Olsson U, 149, 1011
Olszewski BJ, 1283
Oltrona L, 1325
Ono M, 2707
Ooboshi H, 1786
Ooi TC, 1793
Oomen JAF, 2061
- Oram JF, 1667, 2350, 2698
Ordovas JM, 873, 881, 1074, 1532, 1765, 2672, 3513
O'Reilly DSJ, 1675
Orimo H, 2389
Örning L, 3049
Ortlepp S, 528
Orvain C, 1931
Ørvim U, 646, 3049
Osbourne JK, 2437
Oshima T, 3356
Ossei-Gerning N, 33
Östergren-Lundén G, 2395
Ostlund RE Jr, 778
Ostos MA, 1532, 1765
Osuga J-i, 1376
Ott I, 3399
Ottenhoff T, 536
Ouchi Y, 2389
Ouguerrem K, 1369
Owen A, 3392
Owen WG, 2430
- Pablos-Méndez A, 3534
Packard CJ, 1454, 2507, 3542
Page M, 1901
Page S, 1901
Pajukanta P, 841
Paka S, 1414
Palareti G, 2418, 2924
Palinski W, 1289, 2250
Palomäki A, 3021
Panahloo A, 2188
Pandullo C, 1320
Panek RL, 1283
Panesar M, 2044
Panico S, 2082
Pao Q, 1382
Paoletti R, 265
Pape M, 1091, 2132
Parhami F, 680
Parini P, 1800
Parks JS, 1216
Parolomi S, 454
Parry GCN, 365
Pasterkamp G, 2617, 3057
Patel D, 2044, 3092
Patel MK, 2107
Paterniti JR, 1756
Patrinely A, 2044
Patrono C, 2309, 3230
Patsch JR, 3433
Patterson AP, 1400
Paul J-L, 2685
Pauletti P, 1210
Paulin L, 83
Paup DC, 1106
Pearce NJ, 3117
Pearson TA, 2914
Pedersen NL, 2776
Pedreño J, 156
Pedrinelli R, 2646
Peinado-Onsurbe J, 1756
Peiretti F, 851, 1550
Peltonen L, 841
Pendurthi UR, 940, 3406
Peng L, 1245
Pepper JR, 1644
Pepper MS, 605
Peracchia F, 3185
Perez-Jimenez F, 1532, 1765
Perola M, 841
Perret B, 1605
Pérusse L, 3263, 3270
- Pestina TI, 3278
Peter K, 505
Peters KG, 1313
Petersen LB, 3049
Petit L, 979
Petrichenko IE, 1143
Petrucci R, 2646
Petty C, 1496
Peyvandi F, 755
Pezacka EH, 2074
Pezzano A, 1325
Pfeiffer JR, 3248
Pfeifhofer C, 3433
Phillips GB, 695
Phillips MC, 383
Piazza S, 2924
Pickering JG, 475
Pidlich J, 2066
Piegoz DJ, 2930
Pieraggi M-T, 331, 1575, 2679
Pietsch A, 1024
Pietsch P, 2568
Pihlajamäki J, 1039
Piihalahti K-M, 3127
Pillariasetti S, 1414
Pimstone SN, 826, 2672
Pincetti E, 91
Pines M, 194
Pinkernell BH, 695
Pinotti M, 2548
Pintó X, 1382
Pitas RE, 969
Plainfosse M-C, 45
Plenz G, 2489
Plu-Bureau G, 3071
Podor TJ, 1568
Poirier O, 851
Poitevin P, 257
Poletti LF, 925
Polinsky P, 3593
Pollock JS, 2479
Pomeroy S, 1163, 3392
Pompili VJ, 2405
Porkka KV, 820, 841
Possati L, 454
Post SM, 3064
Powell JT, 10
Powell-Braxton L, 3593
Pownall HJ, 1382
Preissner KT, 2848
Presta M, 454
Prevato L, 1400
Price JF, 3321
Princen HMG, 26, 324, 3064
Prineas RJ, 2413
Pritchard KA JR, 3469
Pritchard PH, 119, 560
Profeta B, 797
Prontera C, 3185
Prost M, 1939
Province MA, 3263
Provost P, 1185, 1806
Prydz H, 2548
Psaty BM, 1121, 2167
Pulai J, 72
Puukka P, 1224
- Qi Z, 2453
Qu S-J, 1382
- Raabé M, 2010
Raha S, 2359
Rähä I, 1224
Rainwater DL, 859, 1447, 3414
Räisänen-Sokolowski A, 2115
- Raitakari OT, 820
Ralis H, 1872
Rall SC Jr, 2817
Ramaekers FCS, 665
Ramakrishnan R, 2914
Ramharack R, 181
Ramponi S, 1599
Ranganna K, 3420
Ranheim T, 2140, 3286
Rannikko S, 1454
Rao DC, 3263, 3270
Rao LVM, 940, 3406
Rao NK, 528
Rapaport SI, 409
Rappaport L, 257
Räsänen L, 820
Rasi V, 809
Rateri DL, 2369
Rauscha F, 2066
Rauwerda JA, 2655
Ravandi A, 1637
Ravn HB, 3620
Rea T, 1091, 2132
Reaven P, 2250, 3639
Reddick RL, 1245
Redgrave TG, 211
Reed R, 2914
Reese JC, 3294
Refson JS, 2622
Refsum H, 989
Register TC, 217
Regnström J, 490
Reidy MA, 2326
Reinisch N, 932
Remaley AT, 1813
Repo P, 3127
Resnick N, 2280, 3102
Rettig R, 2880
Retzlaff BM, 375
Reue K, 3428
Reymer PWA, 595, 2672
Reyna R, 2975
Reynisdóttir S, 2287
Rhee C-H, 3242
Ricci MA, 3294
Rice T, 3263, 3270
Ridker PM, 1687
Rimon A, 409
Rios CD, 1786
Rissanen J, 1039
Ritchie B, 2359
Ritchie J, 279
Ritsch A, 3433
Rivard A, 2793
Roald HE, 1331
Robbins DC, 2713
Robeneck H, 2489
Roberts KA, 2123
Roberts LJ II, 2975, 3236
Robinson JTC, 2004
Robinson NMK, 3079
Rodriguez C, 1074
Rodriguez WA, 383, 2132
Rogers C, 528
Rogers KA, 688
Roheim PS, 1630, 1885, 2914
Rönnelid J, 963
Rosenberg IH, 1894, 2554
Rosenberg RD, 1325
Rosenblat M, 2744
Rosenblatt DS, 569
Rosenfeld ME, 3593
Rosengren B, 300
Rosseneu M, 580, 1675

- Rostoker G, 2559
 Rothblat G, 383, 2685
 Rotilio D, 3185
 Rouin M, 1400
 Roy J, 1977
 Rozen R, 569
 Rubanyi GM, 1741
 Rubin EM, 1637, 1725
 Ruco LP, 454
 Rudling M, 1800
 Ruidavets J-B, 2759
 Rumley A, 3321
 Rusnati M, 454
 Russ S, 2692
 Russell J, 1521
 Russell ME, 2115
 Rustan AC, 2140
 Ruth KJ, 51
 Rutledge JC, 2123
 Ryan MJ, 181
 Ryu J-C, 3242
- Saad MF, 64
 Saarem K, 2576
 Sabri A, 257
 Sacchi E, 755
 Safar M, 1152, 1346, 3196
 Sageshima M, 3083
 Saha N, 1067
 Saikku P, 2843, 2910
 Saito K, 252
 Saito T, 2232
 Saito Y, 996
 Sakai A, 310
 Sakai M, 3013
 Sakai N, 1053
 Sakariassen KS, 520, 646, 3049
 Salas J, 1532, 1765
 Salminen I, 809
 Salomaa VV, 809
 Salonen JT, 513, 1490
 Salonen R, 513, 1490
 Salvayre R, 331, 1575, 2158
 Samama M, 2548
 Sambrano GR, 3442
 Samokhin GP, 3519
 Samuel JL, 257
 Sandberg ET, 1517
 Sanders TAB, 3449
 Sandset PM, 2548
 Sandstad B, 2576
 Sanghera DK, 1067
 Sansoni P, 755
 Santamarina-Fojo S, 354, 1400
 Särkioja T, 574
 Sartipy P, 300
 Sartore S, 1210
 Sasahara T, 1163, 3392
 Sassi S, 2924
 Sato H, 3191
 Satta J, 2843
 Savolainen MJ, 2940
 Sawamura F, 2601
 Scarabin PY, 851, 3071
 Scardi S, 1320
 Schaefer EJ, 873, 881, 1074,
 1657, 1910, 2672, 3513
 Schaefer HE, 2218
 Schaefer JR, 348
 Schäfer-Elinder L, 963
 Scharnagl H, 348
 Scheithe R, 1024
 Schett G, 536
 Schick PK, 797
- Schiffers PMH, 1985
 Schini-Kerth VB, 672, 1746
 Schmahl FW, 2192
 Schmutz O, 2721
 Schneider DJ, 3294
 Schneider WJ, 996
 Schömöig A, 3399
 Schoneveld AH, 2617, 3057
 Schonfeld G, 72, 778,
 1032, 1091
 Schotz MC, 3428
 Schouteren EG, 989
 Schrattberger P, 2029
 Schreiber SS, 3139
 Schroeder TV, 905
 Schröder K, 2568
 Schueler KL, 3286
 Schulze H, 1539
 Schumacher UK, 1813
 Schuster H, 741, 2054
 Schuurbiers JCH, 2061
 Schwartz MW, 233
 Schwartz RS, 2405, 2737
 Schwartz SM, 188, 1003,
 2326, 3593
 Schweier H, 348
 Schwenke DC, 1128, 2150
 Scott J, 748
 Scully MF, 2964
 Seccia M, 134
 Seed WA, 1356
 Seedorf U, 2010
 Seelos C, 2855, 2868
 Seidel CL, 1868
 Seidel D, 1432
 Seidel JC, 560, 595, 2837
 Seimiya K, 996
 Seip R, 1032
 Selby JV, 64
 Selhub J, 569, 1894, 2554
 Selin-Sjögren L, 3376
 Seljeflot I, 2576
 Seltzer D, 1157
 Semenkovich CF, 2532
 Sendobry SM, 2369
 Sengeloege G, 2855
 Seo HS, 3593
 Serdyuk AP, 1716
 Serruys PW, 2061
 Severs NJ, 2489, 3174
 Seyberth H, 348
 Seye CI, 3602
 Shaish A, 1032, 1091
 Shakhov YA, 1143
 Shalmi M, 2264
 Shanahan CM, 2437
 Shang A, 3347
 Shaten BJ, 1947
 Shatos M, 1, 2765
 Shea S, 3534
 Shemin D, 2554
 Shepherd J, 1454, 2507, 3542
 Sheriff DD, 2793
 Sherwood R, 802
 Sheu J-R, 3461
 Shi Y, 417
 Shichiri M, 3013
 Shige H, 2540
 Shih J, 354
 Shike T, 1258
 Shimada K, 252
 Shimada M, 1376
 Shimotsu H, 2707
 Shinoda J, 295
- Shinozaki K, 3302
 Shioi A, 1135
 Showalter LJ, 172
 Shurzinske L, 1793
 Shwaery GT, 2638
 Shyy JYJ, 3570
 Sie P, 520
 Sigari F, 3639
 Sigut D, 947
 Silvestre M, 1289
 Sim AS, 3147
 Simmons SR, 3311
 Simon A, 45
 Simon DI, 528
 Simonson C, 2897
 Sims PA, 3311
 Sims PJ, 164
 Sixma JJ, 3202
 Skinner JS, 3263
 Skouby SO, 2264
 Slager CJ, 2061
 Slomianny C, 2830
 Slomp J, 1003
 Smalheer HA, 560
 Smalley DM, 3469
 Smedby O, 912
 Smith FB, 3321
 Smith LA, 2737
 Smith REA, 3079
 Smith U, 2096
 Smithies O, 1245
 Smits JFM, 1985
 Smits P, 1465
 Sniderman A, 1239, 1793
 Sobel BE, 3294
 Sobel M, 925
 Sollier CB, 919
 Solum NO, 646
 Solvoll K, 2576
 Song L-Z, 889
 Songstad J, 3255
 Soni T, 2685
 Sorisky A, 1793
 Sorlin P, 1780
 Soulard T, 2036
 Sourander L, 1224
 Soutar AK, 3092
 Southern JF, 542
 Spahr MA, 181
 Spangenberg J, 340
 Speiser W, 2861
 Spence MJ, 2948
 Spitzer C, 2880
 Spitzer SG, 2875
 Squires B, 18
 Srivastava RAK, 1091
 St Clair RW, 1691
 Stadberg E, 300
 Stadtmüller J, 2880
 Staels B, 1756
 Stalenhoef AFH, 127, 834,
 1465, 2316
 Stampfer MJ, 1687
 Standal R, 300
 Stark VK, 1614
 Starzyk RM, 437
 Stauske D, 2880
 Stehouwer CDA, 2655
 Steinberg D, 3442
 Steiner G, 3633
 Steinmetz A, 348, 2316
 Stenberg PE, 3278
 Stender S, 905, 1504,
 2264, 2515
- Stengel D, 954
 Stenmark KR, 1203
 Steward SA, 3278
 Stewart M, 2359
 Stewart P, 1454, 2914
 Stickland MH, 33
 Stoltzfus LJ, 1637
 Stonik JA, 1813
 Strom R, 2548
 Strong JP, 95, 760
 Su CH, 3461
 Suadicani P, 1114
 Subramanian RR, 2479
 Suc I, 2158
 Suda Y, 925
 Sugai M, 1623
 Sugiyama T, 3083
 Sulistiyani, 1691
 Sun F, 1060, 2753
 Sun X-M, 3092
 Sund M, 2692
 Sundell CL, 2479
 Sunkin ME, 1657
 Surcel H-M, 2843
 Sutphin M, 2250
 Suurinkeroinen L, 841
 Suzukawa M, 2540
 Suzuki A, 295
 Suzuki M, 3302
 Symes JF, 2793
 Syrjälä H, 2843
 Syvänen A-C, 841
 Syvänen M, 2096
 Szalay T, 2861
 Szkoł M, 1780
 Szymanski LM, 1106
- Taajes DJ, 3294
 Tabas I, 1421
 Tabengwa EM, 3215
 Tack CJ, 1465
 Tagliabue L, 755
 Tahvanainen E, 1879
 Taillard F, 3196
 Taioli E, 755, 1662
 Taisne P, 3071
 Takagi M, 3611
 Takahashi K, 2232
 Takaki H, 3302
 Takasu N, 1258
 Takeda T, 3611
 Takemura T, 3013
 Takeshita A, 898, 2453
 Takeuchi K, 3611
 Takeya M, 2232
 Takizawa A, 2232
 Talianidis I, 222
 Tall A, 203, 1045, 3326
 Talmud P, 1969, 2188
 Tamaki S, 1730
 Tamburro A, 3185
 Tamura S, 1962
 Tan MH, 1793
 Tanaka H, 3495
 Tang B, 475
 Taniguchi N, 1962
 Tanoue K, 310
 Tardy Y, 3102
 Taskinen M-R, 841, 873,
 1454, 2096
 Tato F, 56, 741
 Telford DE, 2589
 Teng BB, 889
 Teppo A-M, 2843

- Teramoto T, 1376
 Terpstra V, 3442
 Theilmeier G, 3557
 Thiery J, 1432
 Thorgeirsson G, 287
 Thörne A, 1472
 Thyberg J, 1977, 2225
 Thygesen K, 3620
 Tilly-Kiesi M, 873, 3513
 Tintut Y, 680
 Tiret L, 1675, 1879
 Tjurmin AV, 445
 Tkáč I, 3633
 Toba K, 2389
 Toft I, 553, 814
 Toikka T, 1224
 Tomita I, 2601, 3033
 Tomita T, 2601, 3033
 Tonoff T, 409
 Tonizzo M, 91
 Törnwall ME, 3475
 Torzewski J, 2448
 Torzewski M, 2448
 Toussaint J-F, 542
 Tracey WR, 2479
 Tracy PB, 1, 3519
 Tracy RE, 760
 Tracy RP, 1121, 2167
 Tran ND, 3139
 Traan PK, 1977
 Tremblay G, 1793
 Tremblay J, 1806
 Tremoli E, 265
 Tribble DL, 1734
 Troly M, 1575, 2158
 Tsai MY, 1662, 1894
 Tsakiris DA, 3208
 Tsao PS, 3557
 Tschöpl M, 3208
 Tsoukatos DC, 3505
 Tsujita Y, 2707
 Tsushima M, 3302
 Tsutsui M, 2405
 Tsutsumi K, 2601
 Tuck CH, 1822
 Tulley R, 1885
 Turner RJ, 10
 Turtola H, 3127, 3332
 Tzameli I, 222
 Ueba H, 1512
 Ueda M, 731, 3611
 Ueland PM, 989
 Ueno H, 898, 2453
 Uetsuka R, 2601
 Uffelman K, 3633
 Ulvik RJ, 3255
 Upson B, 1157
 Vahtera E, 809
 Valenti M, 91
 van Berkel TJC, 3107, 3117
 van de Loo J, 1539
 van den Berg M, 2655
 van den Eijnden-Schrauwen Y, 2177
 van den Ouwehand A, 2837
 van der Kooij MA, 3107
 van der Laarse A, 324
 van der Loop FTL, 665
 van der Sman-de Beer F, 498
 van der Vuurst H, 1830
 van der Westhuyzen DR, 865
 van der Zee R, 536, 2793
 van Drongelen J, 834
 van Duyvenvoorde W, 324
 Van Eck M, 1995, 3117
 van Hinsbergh VWV, 1018
 van Leeuwen TG, 2617
 van Munster JC, 1003
 Van Osselaer N, 2423
 Van Put DJM, 1924
 Van Schil P, 1924
 van Spronsen A, 1830
 van Vark LC, 498
 van Velzen A, 3107
 van Vlijmen BJM, 498
 van Willigen G, 1830
 van Wolferen W, 3057
 VandeBerg JL, 859
 Vanloo B, 580
 Vanmaele R, 1924
 Varela O, 2088
 Vaughan DE, 1687
 Vaya J, 2744
 Vecchi A, 1599
 Vecchione G, 2082
 Vega GL, 56
 Vega MA, 2341
 Venner T, 1568
 Vergani C, 1910
 Vergel SM, 2245
 Verhoeft P, 989, 2554
 Verhoeven AJM, 2837
 Verstuyft J, 1725, 1734
 Vestal RE, 2948
 Vieitez G, 1605
 Vieu C, 1605
 Viikari J, 83
 Viikari JSA, 820, 841
 Vilella E, 3513
 Viñals M, 3481
 Vincent GM, 2783
 Vinke R, 2061
 Virgolini I, 2066
 Virtamo J, 3475
 Visser FC, 2655
 Vita JA, 2975
 Vlodavsky I, 194
 Vogelaar JM, 127
 von der Mark EM, 3107
 von Eckardstein A, 2010
 Vossoughi J, 2209
 Vrints CJ, 634
 Vuorio AF, 3127, 3332
 Wagner JD, 217, 403, 1128,
 1216, 2524
 Wagner O, 2861
 Wagner P, 3338
 Wagner WD, 1216
 Walden CE, 375
 Walker J, 797
 Wall U, 3376
 Wallace PM, 2948
 Walli AK, 1901
 Walsh N, 3224
 Waltenberger J, 2448
 Walther R, 2880
 Wang B-y, 3557
 Wang DL, 3570
 Wang J, 246, 3147, 3147
 Wang J-S, 1682
 Wang L, 3139
 Wang W, 2713
 Wang XL, 246, 3147
 Ward MR, 2461
 Warn-Cramer BJ, 409
 Warner TF, 1614
 Wassef M, 3326
 Watanabe G, 3006, 3565
 Watson AD, 680
 Watson TDG, 1454
 Webb KE, 1837
 Weber PC, 1024, 1623
 Weeks L, 2837
 Weinberg PD, 1361
 Weisbrod RM, 394
 Weisgraber KH, 1407
 Weiss T, 505
 Weissberg PL, 2437
 Welch C, 3326
 Welch K, 2369
 Wellens E, 2218
 Welty FK, 881, 2713
 Wempe JJ, 2061
 Westmuckett AD, 2964
 Whitman SC, 1707
 Wick G, 536
 Wiedermann CJ, 932, 2029
 Wiesenbüttler B, 2010
 Wiklund O, 149, 317,
 1011, 3527
 Wilcken DEL, 246, 3147
 Wilcox JN, 2479
 Wilcox LJ, 2589
 Wild SH, 239
 Wilensky R, 3365
 Williams JK, 217, 403
 Williams JT, 940, 3406
 Williams KJ, 383, 2132
 Williams PT, 702, 707, 1082
 Williams R, 2783, 3079
 Wilmore JH, 3263
 Wilson II, 33
 Wilson JE, 2532
 Wilson LM, 3365
 Windhauser M, 1885
 Winkler H, 932
 Winkler K, 348
 Winkles JA, 445
 Wittelman JCM, 989
 Wittes J, 1657
 Witztum JL, 3639
 Wojta J, 465, 723
 Wolf A, 3557
 Wolfe BM, 1707
 Wong HJ, 748
 Wong L, 1630, 1885
 Woo MM, 2123
 Wright C, 2044
 Wu K, 1780
 Wu LL, 2783
 Wu R, 3159
 Wu S, 2010
 Wu X, 3347
 Wu X-W, 3154
 Wu Y-P, 3202
 Wung BS, 3570
 Wunsch A, 505
 Xiu R-J, 1178
 Xu A, 2975
 Xu H, 528
 Xu Q, 536, 2808
 Yaari S, 107
 Yaginuma T, 1512
 Yamada N, 1376, 2389
 Yamamoto H, 898, 2453
 Yamashita N, 2801
 Yamashita S, 1053
 Yamashita T, 1163, 3392
 Yamazaki H, 996
 Yang JW, 778
 Yang Q, 2066
 Yasue H, 2232
 Yasunari K, 731, 3164
 Yates J, 3117
 Yatsu FM, 3420
 Yazaki Y, 1376
 Yeh H-I, 3174
 Yeh JL, 2713
 Yen MH, 3461
 Yin ZL, 737
 Ying X, 1178
 Yki-Järvinen H, 1454
 Yokokawa K, 731, 3164
 Yokoyama M, 1561
 Yokoyama T, 3495
 Yonemura A, 2540
 Yoshida H, 1438, 2540
 Yoshida Y, 1053
 Yoshiike N, 3495
 Yoshikawa J, 731, 3164
 Yoshimura M, 3356
 Yoshino H, 3006, 3565
 Yoshizumi M, 2389
 Youkey J, 172
 Young E, 1568
 Young HM, 737
 Yuan C, 1496
 Yudkin JS, 2188
 Zalewski A, 417
 Zalpour C, 3557
 Zama T, 3006, 3565
 Zaman MM, 3495
 Zannis V, 222
 Zech LA, 348
 Zeiher AM, 2218, 3588
 Zepp A, 2568
 Zerhouni EA, 3626
 Zha X, 1421
 Zhang J, 1178
 Zhang L, 1128
 Zhang SH, 1245
 Zhang W, 1630
 Zhang W-J, 465
 Zhang X-J, 1239
 Zhang YL, 2948
 Zhou Z, 2955
 Zhu X-F, 1032
 Zhu XL, 72
 Zhu Y, 2010
 Zighetti ML, 1662
 Zinman B, 1060, 2753
 Zito F, 3489
 Zlokovic BV, 3139
 Zysow BR, 1741

Subject Index

Volume 17, January-December 1997

A

A23187

Human Brain Pericytes Differentially Regulate Expression of Procoagulant Enzyme Complexes Comprising the Extrinsic Pathway of Blood Coagulation, 1

Absorption

Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211

Acetaminophen

Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855

Acetylcholine

Atherosclerosis, Vascular Remodeling, and Impairment of Endothelium-Dependent Relaxation in Genetically Altered Hyperlipidemic Mice, 2333

AcLDL

Acetylated LDL Endocytosis by the Human Monocytic Mono Mac 6sr Cells Is Not Mediated by the Macrophage Types I and II Scavenger Receptors, 1024

Effect of 17 β -Estradiol on Metabolism of Acetylated Low-Density Lipoprotein by THP-1 Macrophages in Culture, 1691

α -Actinin

Evidence for an α -Granular Pool of the Cytoskeletal Protein α -Actinin in Human Platelets That Redistributions With the Adhesive Glycoprotein Thrombospondin-1 During the Exocytic Process, 2293

Activated proteins

Factor V^{Leiden} and Thrombophilia, 620

The Effect of Immunodepletion of Antithrombin III on the Response of Rabbits to Russell's Viper Venom-Induced Activation of factor X, 409

Activin-A

Role of Activin-A and Follistatin in Foam Cell Formation of THP-1 Macrophages, 2389

Acute-phase reaction

Induction of the Acute-Phase Reaction Increases Heparin-Binding Proteins in Plasma, 1568

Lifetime Smoking Exposure Affects the Association of C-Reactive Protein With Cardiovascular Disease Risk Factors and Subclinical Disease in Healthy Elderly Subjects, 2167

Seasonal Variations of Rheological and Hemostatic Parameters and Acute-Phase Reactants in Young, Healthy Subjects, 2692

Acylation-stimulating protein

Plasma Acylation-Stimulating Protein in Coronary Artery Disease, 1239

Adenovirus

Adenovirus-Mediated Expression of the Secreted Form of Basic Fibroblast Growth Factor (FGF-2) Induces Cellular Proliferation and Angiogenesis In Vivo, 2453

Adenovirus-Mediated Transfer of a Dominant-Negative H-ras Suppresses Neointimal Formation in Balloon-Injured Arteries In Vivo, 898

Augmented Adenovirus-Mediated Gene Transfer to Atherosclerotic Vessels, 1786

Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipase-Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase, 2532

Expression and Function of Recombinant Endothelial NO Synthase in Coronary Artery Smooth Muscle Cells, 2405

Adenyl cyclase

Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherogenesis, 954

Adhesion

Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine, 3557

Role of Tyrosine Kinases in Extracellular Matrix-Mediated Modulation of Arterial Smooth Muscle Cell Phenotype, 1977

Triggering of β 1-Integrin Chain Induces Platelet Adhesion to Cultured Endothelium, 2663

Adhesion molecules

Circulating Vascular Cell Adhesion Molecule-1 Correlates With the Extent of Human Atherosclerosis in Contrast to Circulating Intercellular Adhesion Molecule-1, E-Selectin, P-Selectin, and Thrombomodulin, 505

Lipoprotein Lipase Can Function as a Monocyte Adhesion Protein, 1414

Regulation of Tumor Necrosis Factor- α and Interleukin-1 β Induced Adhesion Molecule Expression in Human Vascular Smooth Muscle Cells by cAMP, 2568

Sustained Anti-CD4/CD8 Treatment Blocks Inflammatory Activation and Intimal Thickening in Mouse Heart Allografts, 2115

Adipocytes

Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287

Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

Adiposity

Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082

Interactions Between Lifestyle-Related Factors and the ApoE Polymorphism on Plasma Lipids and Apolipoproteins: The EARS Study, 1675

Regulation of Body Adiposity and the Problem of Obesity, 233

ADP

Bacterial Toxins Block Endothelial Wound Repair: Evidence That Rho GTPases Control Cytoskeletal Rearrangements in Migrating Endothelial Cells, 1623

Functional Expression of a P_{2T} ADP Receptor in *Xenopus* Oocytes Injected With Megakaryocyte (CMK 11-5) RNA, 769

Adrenoreceptors

Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

Advanced glycation endproducts

Effect of Streptozotocin-Induced Hyperglycemia on Lipid Profiles, Formation of Advanced Glycation Endproducts in Lesions, and Extent of Atherosclerosis in LDL Receptor-Deficient Mice, 2250

Adventitia

Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medial Atrophy, and Adventitial Inflammation, 3593

Vascular Myofibroblasts: Lessons From Coronary Repair and Remodeling, 417

Agarose gel electrophoresis

Prevalence of Double Pre-Beta Lipoproteinemia in Hyperlipidemic Patients Is Influenced by Gender, Menopausal Status, and ApoE Phenotype, 2630

Age

Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082

Changes With Age in the Influence of Endogenous Nitric Oxide on Transport Properties of the Rabbit Aortic Wall Near Branches, 1361

Aggregation

Plasma LDL Oxidation Leads to Its Aggregation in the Atherosclerotic Apolipoprotein E-Deficient Mice, 2995

Alcohol

Alcohol Increases Plasma Levels of Cholesterol Diet-Induced Atherogenic Lipoproteins and Aortic Atherosclerosis in Rabbits, 1091

Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082

Beneficial Effects of Alcohol Withdrawal on LDL Particle Size Distribution and Oxidative Susceptibility in Subjects With Alcohol-Induced Hypertriglyceridemia, 2540

Alkaline phosphatase

Lipid Oxidation Products Have Opposite Effects on Calcifying Vascular Cell and Bone Cell Differentiation: A Possible Explanation for the Paradox of Arterial Calcification in Osteoporotic Patients, 680

Allele-specific amplification

The Heterozygous 20210 G/A Prothrombin Genotype Is Associated With Early Venous Thrombosis in Inherited Thrombophilia and Is Not Increased in Frequency in Artery Disease, 2418

American Indians

Relation of LDL Size to the Insulin Resistance Syndrome and Coronary Heart Disease in American Indians: The Strong Heart Study, 2713

Amphipathic helix

Design of a New Class of Amphipathic Helical Peptides for the Plasma Apolipoproteins That Promote Cellular Cholesterol Efflux But Do Not Activate LCAT, 580

Aneurysm

Elevated Circulating Levels of Inflammatory Cytokines in Patients With Abdominal Aortic Aneurysm, 2843

Influence of Hypercholesterolemia and Adventitial Inflammation on the Development of Aortic Aneurysm in Rabbits, 10

Angina

Persistent Thrombin Generation During Heparin Therapy in Patients With Acute Coronary Syndromes, 1325

Angiogenesis

Adenovirus-Mediated Expression of the Secreted Form of Basic Fibroblast Growth Factor (FGF-2) Induces Cellular Proliferation and Angiogenesis In Vivo, 2453

Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium: A Study of Aortic and Microvascular Endothelial Cell Lines, 454

Heterogeneity of Endothelial Cells: Specific Markers, 1193

Inhibitory Effects of Hypercholesterolemia and Ox-LDL on Angiogenesis-like Endothelial Growth in Rabbit Aortic Explants: Essential Role of Basic Fibroblast Growth Factor, 1303

Manipulating Angiogenesis: From Basic Science to the Bedside, 605

Thrombin Receptor-Mediated Increase of Two Matrix Metalloproteinases, MMP-1 and MMP-3, in Human Endothelial Cells, 1931

Vascular Endothelial Growth Factor/Vascular Permeability Factor Produces Nitric Oxide-Dependent Hypotension: Evidence for a Maintenance Role in Quiescent Adult Endothelium, 2793

Angiography

A ¹⁹²Arg Variant of the Human Paraoxonase (*HUMPPONA*) Gene Polymorphism Is Associated With an Increased Risk for Coronary Artery Disease in the Japanese, 3565

Angioplasty

Continued Thromboxane A₂ Formation Despite Administration of a Platelet Glycoprotein IIb/IIIa Antagonist in Patients Undergoing Coronary Angioplasty, 3224

Fibrinogen and von Willebrand Factor Deposition Are Associated With Intimal Thickening After Balloon Angioplasty of the Rabbit Carotid Artery, 634

Redistribution of von Willebrand Factor in Porcine Carotid Arteries After Balloon Angioplasty, 1872

Angiotensin

Bimodal Effects of Angiotensin II on Migration of Human and Rat Smooth Muscle Cells: Direct Stimulation and Indirect Inhibition Via Transforming Growth Factor- β 1, 1251

Differential Roles of AT₁ and AT₂ Receptor Subtypes in Vascular Trophic and Phenotypic Changes in Response to Stimulation With Angiotensin II, 257

Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat, 1985

Hypertensive Nephropathy and the Gene for Angiotensin-Converting Enzyme, 252

Role of Angiotensin II and Bradykinin on Aortic Collagen Following Converting Enzyme Inhibition in Spontaneously Hypertensive Rats, 3196

The Angiotensin-Converting Enzyme Gene and the Angiotensin II Type I Receptor Gene as Candidate Genes for Microalbuminuria: A Study in Nondiabetic and Non-Insulin-Dependent Diabetic Subjects, 2188

The II Genotype of the Angiotensin-Converting Enzyme Gene Delays the Onset of Acute Coronary Syndromes, 1730

Angiotensin-converting enzyme

Polymerase of Angiotensin Converting Enzyme Gene Is Associated With Circulating Levels of Plasminogen Activator Inhibitor-1, 3242

The Angiotensin-Converting Enzyme Gene and the Angiotensin II Type I Receptor Gene as Candidate Genes for Microalbuminuria: A Study in Nondiabetic and Non-Insulin-Dependent Diabetic Subjects, 2188

Animal models

Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipase-Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase, 2532

Early Administration of Intravenous Magnesium Inhibits Arterial Thrombus Formation, 3620

Effects of Genotype and Diet on Cholesterol Efflux into Plasma and Lipoproteins of Normal, Apolipoprotein A-I-, and Apolipoprotein E-Deficient Mice, 2010

The Watanabe Heritable Hyperlipidemic Rabbit Is a Suitable Experimental Model to Study Differences in Tissue Response Between Intimal and Medial Injury After Balloon Angioplasty, 3611

Antiatherogenic effects

A Partial Estrogen Receptor Agonist With Strong Antiatherogenic Properties Without Noticeable Effect on Reproductive Tissue in Cholesterol-Fed Female and Male Rabbits, 2264

Antiatherogenic Effects of a Novel Lipoprotein Lipase-Enhancing Agent in Cholesterol-Fed New Zealand White Rabbits, 2601

Antibodies

7E3 Monoclonal Antibody Directed Against the Platelet Glycoprotein IIb/IIIa Cross-reacts With the Leukocyte Integrin Mac-1 and Blocks Adhesion to Fibrinogen and ICAM-1, 528

Chronic *Chlamydia pneumoniae* Infection Is Associated With a Serum Lipid Profile Known to Be a Risk Factor for Atherosclerosis, 2910

Epitope Specificity of Anti-Heat Shock Protein 65/60 Serum Antibodies in Atherosclerosis, 536

Antioxidants

Effect of α -Tocopherol (Vitamin E) and β -Carotene Supplementation on the Incidence of Intermittent Claudication in Male Smokers, 3475

Effect of 17 β -Estradiol on Plasma Lipids and LDL Oxidation in Postmenopausal Women With Type II Diabetes Mellitus, 324

Effect of Iron Overload and Iron Deficiency on Atherosclerosis in the Hypercholesterolemic Rabbit, 2638

Effect of Probucol Treatment on Gene Expression of VCAM-1, MCP-1, and M-CSF in the Aortic Wall of LDL Receptor-Deficient Rabbits During Early Atherogenesis, 1289

- Increased Oxidation of LDL in Patients With Coronary Artery Disease Is Independent From Dietary Vitamins E and C, 1432
- Peroxidation of LDL From Combined-Hyperlipidemic Male Smokers Supplied With ω -3 Fatty Acids and Antioxidants, 2576
- Plasma LDL Oxidation Leads to Its Aggregation in the Atherosclerotic Apolipoprotein E-Deficient Mice, 2995
- Shear Stress Inhibits H_2O_2 -Induced Apoptosis of Human Endothelial Cells by Modulation of the Glutathione Redox Cycle and Nitric Oxide Synthase, 3588
- The Redox Status of Coenzyme Q10 in Total LDL as an Indicator of In Vivo Oxidative Modification: Studies on Subjects With Familial Combined Hyperlipidemia, 127
- Antisense oligonucleotides**
- Effect of Phosphorothioated Oligonucleotides on Neointima Formation in the Rat Carotid Artery: Dissecting the Mechanism of Action, 2326
- Antithrombin**
- The Effect of Immunodepletion of Antithrombin III on the Response of Rabbits to Russell's Viper Venom-Induced Activation of factor X, 409
- Thrombin Stimulates Syndecan-1 Promotor Activity and Expression of a Form of Syndecan-1 That Binds Antithrombin III in Vascular Smooth Muscle Cells, 2609
- Aorta**
- Alcohol Increases Plasma Levels of Cholesterol Diet-Induced Atherogenic Lipoproteins and Aortic Atherosclerosis in Rabbits, 1091
- Atherosclerosis, Vascular Remodeling, and Impairment of Endothelium-Dependent Relaxation in Genetically Altered Hyperlipidemic Mice, 2333
- Detection of Osteopontin in Calcified Human Aortic Valves, 547
- Differentiation, Dedifferentiation, and Apoptosis of Smooth Muscle Cells During the Development of the Human Ductus Arteriosus, 1003
- Evidence for the Migration of Rat Aortic Endothelial Cells Toward the Heart, 2891
- In Vivo/In Vitro Comparison of Rat Abdominal Aorta Wall Viscosity: Influence of Endothelial Function, 1346
- Intravascular Magnetic Resonance Imaging of Aortic Plaque Composition, 3626
- Prevention of Aortic Fibrosis by Spironolactone in Spontaneously Hypertensive Rats, 1152
- ApoA**
- HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158
- Normolipidemic Subjects With Low HDL Cholesterol Levels Have Altered HDL Subpopulations, 1885
- ApoA-I**
- A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72
- Distal Apolipoprotein C-III Regulatory Elements F to J Act as a General Modular Enhancer for Proximal Promoters That Contain Hormone Response Elements: Synergism Between Hepatic Nuclear Factor-4 Molecules Bound to the Proximal Promoter and Distal Enhancer Sites, 222
- Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224
- Evidence That Apolipoprotein A-I_{Milano} Has Reduced Capacity, Compared With Wild-Type Apolipoprotein A-I, to Recruit Membrane Cholesterol, 1637
- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherosclerosis, 1725
- High Density Lipoproteins Stimulate Mitogen-Activated Protein Kinases in Human Skin Fibroblasts, 1667
- Lipoprotein Kinetics in Patients With Analbuminemia: Evidence for the Role of Serum Albumin in Controlling Lipoprotein Metabolism, 1369
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- Subjects With ApoA-I(Lys₁₀₇ \rightarrow 0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- Uptake of Chylomicrons by the Liver, but Not by the Bone Marrow, Is Modulated by Lipoprotein Lipase Activity, 1407
- ApoA-II**
- Subjects With ApoA-I(Lys₁₀₇ \rightarrow 0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- ApoA-IV**
- Effect of 347-Serine Mutation in Apoprotein A-IV on Plasma LDL Cholesterol Response to Dietary Fat, 1532
- Apo(a)**
- A Prospective Case-Control Study of Lipoprotein(a) Levels and Apo(a) Size and Risk of Coronary Heart Disease in Stanford Five-City Project Participants, 239
- Effects of Estrus Cycle, Ovariectomy, and Treatment with Estrogen, Tamoxifen, and Progesterone on Apolipoprotein(a) Gene Expression in Transgenic Mice, 1741
- Hormonal Regulation of Lipoprotein(a) Levels: Effects of Estrogen Replacement Therapy on Lipoprotein(a) and Acute Phase Reactants in Postmenopausal Women, 1822
- Lipoprotein(a) Isoforms Display Differences in Affinity for Plasminogen-Like Binding to Human Mononuclear Cells, 2036
- ApoB**
- A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72
- Assembly and Secretion of VLDL in Nondifferentiated Caco-2 Cells Stably Transfected With Human Recombinant apoB48 cDNA, 2955
- Cellular Consequences of the Association of ApoB Lipoproteins With Proteoglycans: Potential Contribution to Atherogenesis, 1011
- Conformational Changes in Apolipoprotein B Modulate Intracellular Assembly and Degradation of ApoB-Containing Lipoprotein Particles in HepG2 Cells, 2982
- Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes, 881
- Demonstration of Biphasic Effects of Docosahexaenoic Acid on Apolipoprotein B Secretion in HepG2 Cells, 3347
- Dietary Fat Clearance in Normal Subjects Is Modulated by Genetic Variation at the Apolipoprotein B Gene Locus, 1765
- Differences in Insulin Suppression of Free Fatty Acid Levels by Gender and Glucose Tolerance Status: Relation to Plasma Triglyceride and Apolipoprotein B Concentrations, 64
- Effective Lowering of Plasma, LDL, and Esterified Cholesterol in LDL Receptor-Knockout Mice by Adenovirus-Mediated Gene Delivery of ApoB mRNA Editing Enzyme (ApoBec1), 889
- Etiologic Heterogeneity of HyperapoBetalipoproteinemia (HyperapoB): Results From Segregation Analysis in Families With Premature Coronary Artery Disease, 2729
- Genetic Factors Precipitating Type III Hyperlipoproteinemia in Hypolipidemic Transgenic Mice Expressing Human Apolipoprotein E2, 2817
- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherosclerosis, 1725
- Inhibition of HMG-CoA Reductase by Atorvastatin Decreases Both VLDL and LDL Apolipoprotein B Production in Miniature Pigs, 2589
- Lipoprotein Kinetics in Patients With Analbuminemia: Evidence for the Role of Serum Albumin in Controlling Lipoprotein Metabolism, 1369
- Metabolic Basis of Hypotriglyceridemic Effects of Insulin in Normal Men, 1454
- Organ Loci of Catabolism of Short Truncations of ApoB, 1032
- Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741
- Segregation Analysis of Plasma Apolipoprotein B Levels in Familial Combined Hyperlipidemia, 834

ApoB-100

Homozygous Familial Defective Apolipoprotein B-100: Enhanced Removal of Apolipoprotein E-Containing VLDLs and Decreased Production of LDLs, 348

Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910

Possible Functional Interactions of Apolipoprotein B-100 Segments That Associate With Cell Proteoglycans and the ApoB/E Receptor, 149

ApoB-48

Postprandial Elevation of ApoB-48-Containing Triglyceride-Rich Particles and Retinyl Esters in Normolipemic Males Who Smoke, 2096

ApoB/E receptor

Possible Functional Interactions of Apolipoprotein B-100 Segments That Associate With Cell Proteoglycans and the ApoB/E Receptor, 149

ApoC-II

Lipid Binding of Apolipoprotein CII Is Required for Stimulation of Lipoprotein Lipase Activity Against Apolipoprotein CII-Deficient Chylomicrons, 1545

Uptake of Chylomicrons by the Liver, but Not by the Bone Marrow, Is Modulated by Lipoprotein Lipase Activity, 1407

ApoC-III enhancer

Distal Apolipoprotein C-III Regulatory Elements F to J Act as a General Modular Enhancer for Proximal Promoters That Contain Hormone Response Elements: Synergism Between Hepatic Nuclear Factor-4 Molecules Bound to the Proximal Promoter and Distal Enhancer Sites, 222

ApoE

Angiotensin-Converting Enzyme Gene and Atherosclerosis, 1245

Association of Apo E Polymorphism With Plasma Lipid Levels in a Multiethnic Elderly Population, 3534

Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224

Effects of Contraceptive Estrogen and Progestin on the Atherogenic Potential of Plasma LDLs in Cynomolgus Monkeys, 1216

Genetic Factors Precipitating Type III Hyperlipoproteinemia in Hypolipidemic Transgenic Mice Expressing Human Apolipoprotein E2, 2817

High-Density Lipoprotein-Binding Protein (HBP)/Vigilin Is Expressed in Human Atherosclerotic Lesions and Colocalizes With Apolipoprotein E, 2350

Lysophosphatidylcholine Promotes Cholesterol Efflux From Mouse Macrophage Foam Cells, 1258

Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medial Atrophy, and Adventitial Inflammation, 3593

Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741

Plasma LDL Oxidation Leads to Its Aggregation in the Atherosclerotic Apolipoprotein E-Deficient Mice, 2995

Polymorphism of the Apolipoprotein E Gene and Early Carotid Atherosclerosis Defined by Ultrasonography in Asymptomatic Adults, 91

Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744

The Apolipoprotein E and β -Fibrinogen G/A-455 Gene Polymorphisms Are Associated With Ischemic Stroke Involving Large-Vessel Disease, 2880

The Apolipoprotein E2 (Arg145Cys) Mutation Causes Autosomal Dominant Type III Hyperlipoproteinemia With Incomplete Penetrance, 865

Uptake of Chylomicrons by the Liver, but Not by the Bone Marrow, Is Modulated by Lipoprotein Lipase Activity, 1407

ApoE deficiency

Bone Marrow Transplantation in Apolipoprotein E-Deficient Mice: Effect of ApoE Gene Dosage on Serum Lipid Concentrations, (β)VLDL Catabolism, and Atherosclerosis, 3117

"Tall Oil"-Derived Phytosterols Reduce Atherosclerosis in ApoE-Deficient Mice, 119

Uptake by J774 Macrophages of Very-Low-Density Lipoproteins Isolated from ApoE-Deficient Mice Is Mediated by a Distinct Receptor and Stimulated by Lipoprotein Lipase, 498

ApoE genotype

ApoE Genotype Does Not Predict Lipid Response to Changes in Dietary Saturated Fatty Acids in a Heterogeneous Normolipidemic Population, 2914

ApoE mutations

Interactions Between Lifestyle-Related Factors and the ApoE Polymorphism on Plasma Lipids and Apolipoproteins: The EARS Study, 1675

The Apolipoprotein E2 (Arg145Cys) Mutation Causes Autosomal Dominant Type III Hyperlipoproteinemia With Incomplete Penetrance, 865

Apolipoprotein genes

Association of Apolipoprotein Genetic Polymorphisms With Plasma Cholesterol in a Japanese Rural Population: The Shibata Study, 3495

Apolipoproteins

17β -Estradiol Prevents Fatty Streak Formation in Apolipoprotein E-Deficient Mice, 2679

Common Genomic Variants Associated With Variation in Plasma Lipoproteins in Young Aboriginal Canadians, 1060

Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211

Interactions Between Lifestyle-Related Factors and the ApoE Polymorphism on Plasma Lipids and Apolipoproteins: The EARS Study, 1675

Phosphoproteins Regulated by the Interaction of High-Density Lipoprotein With Human Skin Fibroblasts, 2698

Shared and Unique Genetic Effects Among Seven HDL Phenotypes, 859

The Role of Triglyceride-Rich Lipoprotein Families in the Progression of Atherosclerotic Lesions as Determined by Sequential Coronary Angiography From a Controlled Clinical Trial, 715

Uptake of Chylomicrons by the Liver, but Not by the Bone Marrow, Is Modulated by Lipoprotein Lipase Activity, 1407

Apoptosis

Apoptosis After Stent Implantation Compared With Balloon Angioplasty in Rabbits: Role of Macrophages, 2383

Differentiation, Dendritization, and Apoptosis of Smooth Muscle Cells During the Development of the Human Ductus Arteriosus, 1003

DNA Fragmentation and Ultrastructural Changes of Degenerating Cells in Atherosclerotic Lesions and Smooth Muscle Cells Exposed to Oxidized LDL in Vitro, 2225

Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200

HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158

Independent Mechanisms for Macrophage Binding and Macrophage Phagocytosis of Damaged Erythrocytes: Evidence of Receptor Cooperativity, 3442

Oxidized LDLs Induce Massive Apoptosis of Cultured Human Endothelial Cells Through a Calcium-Dependent Pathway: Prevention by Aurintricarboxylic Acid, 331

Arachidonic acid

Involvement of Phosphatidylcholine Hydrolysis by Phospholipase D in Extracellular ATP-Induced Arachidonic Acid Release in Aortic Smooth Muscle Cells, 295

Arterial compliance and permeability

Altered Compliance and Residual Strains Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency, 2209

- Arterial Compliance in Obese Subjects Is Improved With Dietary Plant n-3 Fatty Acid From Flaxseed Oil Despite Increased LDL Oxidizability, 1163
- Gender Differences in Intima-Media Permeability to Low Density Lipoprotein at Atherosclerosis-Prone Aortic Sites in Rabbits: Lack of Effect of 17 β -Estradiol, 2150
- In Vivo/In Vitro Comparison of Rat Abdominal Aorta Wall Viscosity: Influence of Endothelial Function, 1346
- Arterial disease**
- The Heterozygous 20210 G/A Prothrombin Genotype Is Associated With Early Venous Thrombosis in Inherited Thrombophilias and Is Not Increased in Frequency in Artery Disease, 2418
- Arterial remodeling**
- The Impact of Atherosclerotic Arterial Remodeling on Percentage of Luminal Stenosis Varies Widely Within the Arterial System: A Postmortem Study, 3057
- Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Arterial wall**
- Antiatherogenic Effect of Estrogen Abolished by Balloon Catheter Injury in Cholesterol-Clamped Rabbits, 1504
- Changes in Arterial Expression of Fibrinolytic System Proteins in Atherogenesis, 3294
- Changes With Age in the Influence of Endogenous Nitric Oxide on Transport Properties of the Rabbit Aortic Wall Near Branches, 1361
- Expression of Phospholipase A₂ Isoforms in Human Normal and Atherosclerotic Arterial Wall, 2257
- Gender Differences in Intima-Media Permeability to Low Density Lipoprotein at Atherosclerosis-Prone Aortic Sites in Rabbits: Lack of Effect of 17 β -Estradiol, 2150
- In Vivo Transfer of Lipoprotein(a) Into Human Atherosclerotic Carotid Arterial Intima, 905
- Nitric Oxide Mediates LDL Uptake in the Artery Wall in Response to High Concentrations of 17 β -Estradiol, 2123
- Tissue Prothrombin: Universal Distribution in Smooth Muscle, 2430
- Arteriosclerosis**
- Angiotensin-Converting Enzyme Gene and Atherosclerosis, 1245
- Dose-Dependent Suppression of Transplant Arteriosclerosis in Aorta-Allografted, Cholesterol-Clamped Rabbits: Suppression Not Eliminated by the Cholesterol-Raising Effect of Cyclosporine, 2515
- Effect of Probucl Treatment on Gene Expression of VCAM-1, MCP-1, and M-CSF in the Aortic Wall of LDL Receptor-Deficient Rabbits During Early Atherogenesis, 1289
- Effect of Streptozotocin-Induced Hyperglycemia on Lipid Profiles, Formation of Advanced Glycation Endproducts in Lesions, and Extent of Atherosclerosis in LDL Receptor-Deficient Mice, 2250
- Elevated Fasting Total Plasma Homocysteine Levels and Cardiovascular Disease Outcomes in Maintenance Dialysis Patients: A Prospective Study, 2554
- Modified LDL Decreases the Binding of Prostaglandin E₂, I₂, and E₁ Onto Monocytes in Patients With Peripheral Vascular Disease, 2066
- Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Sustained Anti-CD4/CD8 Treatment Blocks Inflammatory Activation and Intimal Thickening in Mouse Heart Allografts, 2115
- The Effects of Folic Acid Supplementation on Plasma Total Homocysteine Are Modulated by Multivitamin Use and Methylenetetrahydrofolate Reductase Genotypes, 1157
- Asians**
- Cardiovascular Risk Factors and Hyalinization of Renal Arterioles at Autopsy: The Honolulu Heart Program, 760
- Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067
- Aspirin**
- In Vivo Formation of 8-Epi-Prostaglandin F₂_a Is Increased in Hypercholesterolemia, 3230
- Atenolol**
- Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979
- Atherogenesis**
- Cellular Consequences of the Association of ApoB Lipoproteins With Proteoglycans: Potential Contribution to Atherogenesis, 1011
- Cellular Dynamics in Early Atherosclerotic Lesion Progression in White Carneau Pigeons: Spatial and Temporal Analysis of Monocyte and Smooth Muscle Invasion of the Intima, 654
- Fatty Streak Formation in Fat-Fed Mice Expressing Human Copper-Zinc Superoxide Dismutase, 1734
- Immunohistochemical Colocalization of the Terminal Complex of Human Complement and Smooth Muscle Cell α -Actin in Early Atherosclerotic Lesions, 2448
- Interaction of Diet and Genes in Atherogenesis Report of an NHLBI Working Group, 3326
- Interaction of Very-Low-Density, Intermediate-Density, and Low-Density Lipoproteins With Human Arterial Wall Proteoglycans, 2507
- Prostaglandin F₂-Like Compounds, F₂-Isoprostanes, Are Present in Increased Amounts in Human Atherosclerotic Lesions, 3236
- Atherosclerosis**
- A Partial Estrogen Receptor Agonist With Strong Antiatherogenic Properties Without Noticeable Effect on Reproductive Tissue in Cholesterol-Fed Female and Male Rabbits, 2264
- Acetylated LDL Endocytosis by the Human Monocytic Mono Mac 68 Cells Is Not Mediated by the Macrophage Types I and II Scavenger Receptors, 1024
- Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine, 3557
- Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287
- Alcohol Increases Plasma Levels of Cholesterol Diet-Induced Atherogenic Lipoproteins and Aortic Atherosclerosis in Rabbits, 1091
- Altered Compliance and Residual Strains Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency, 2209
- Androgen Deprivation Is Associated With Enhanced Endothelium-Dependent Dilatation in Adult Men, 2004
- Antiatherogenic Effect of Estrogen Abolished by Balloon Catheter Injury in Cholesterol-Clamped Rabbits, 1504
- Antifibrinolytic Properties of the Vascular Wall: Dependence on the History of Smooth Muscle Cell Doublings in Vitro and In Vivo, 723
- Association of Serum Vitamin Levels, LDL Susceptibility to Oxidation, and Autoantibodies Against MDA-LDL With Carotid Atherosclerosis: A Case-Control Study, 1171
- Atherosclerosis, Vascular Remodeling, and Impairment of Endothelium-Dependent Relaxation in Genetically Altered Hyperlipidemic Mice, 2333
- Augmented Adenovirus-Mediated Gene Transfer to Atherosclerotic Vessels, 1786
- Behaviorally Elicited Heart Rate Reactivity and Atherosclerosis in Ovariectomized Cynomolgus Monkeys (*Macaca fascicularis*), 1774
- Bone Marrow Transplantation in Apolipoprotein E-Deficient Mice: Effect of ApoE Gene Dosage on Serum Lipid Concentrations, (B)VLDL Catabolism, and Atherosclerosis, 3117
- Both Intracellular and Extracellular Vitamin C Inhibit Atherogenic Modification of LDL by Human Vascular Endothelial Cells, 1583

- Calreticulin, a Potential Vascular Regulatory Protein, Reduces Intimal Hyperplasia After Arterial Injury, 2359
- Cardiovascular Risk Factors and Hyalinization of Renal Arterioles at Autopsy: The Honolulu Heart Program, 760
- Cellular Dynamics in Early Atherosclerotic Lesion Progression in White Carneaux Pigeons: Spatial and Temporal Analysis of Monocyte and Smooth Muscle Invasion of the Intima, 654
- Cellular Radiosensitivity, Radioresistant DNA Synthesis, and Defect in Radioinduction of p^{33} in Fibroblasts From Atherosclerosis Patients, 947
- Changes in Arterial Expression of Fibrinolytic System Proteins in Atherogenesis, 3294
- Chronic *Chlamydia pneumoniae* Infection Is Associated With a Serum Lipid Profile Known to Be a Risk Factor for Atherosclerosis, 2910
- Circulating Autoantibodies Recognizing Peroxidase-Oxidized Low Density Lipoprotein: Evidence for New Antigenic Epitopes Formed In Vivo Independently From Lipid Peroxidation, 134
- Circulating Vascular Cell Adhesion Molecule-1 Correlates With the Extent of Human Atherosclerosis in Contrast to Circulating Intercellular Adhesion Molecule-1, E-Selectin, P-Selectin, and Thrombomodulin, 505
- CLA-1 Is an 85-kD Plasma Membrane Glycoprotein That Acts as a High-Affinity Receptor for Both Native (HDL, LDL, and VLDL) and Modified (OxLDL and AcLDL) Lipoproteins, 2341
- Compensatory Enlargement in Coronary and Femoral Arteries Is Related to Neither the Extent of Plaque-Free Vessel Wall Nor Lesion Eccentricity: A Postmortem Study, 2617
- Connective Tissue Growth Factor: Friend or Foe? 1483
- Consequences of Hyperhomocyst(e)inemias on Vascular Function in Atherosclerotic Monkeys, 2930
- Copper Ions Promote Peroxidation of Low Density Lipoprotein Lipid by Binding to Histidine Residues of Apolipoprotein B100, But They Are Reduced at Other Sites on LDL, 3338
- Cytomegalovirus Infection, Lipoprotein(a), and Hypercoagulability: An Atherogenic Link? 1780
- Decreased Reverse Cholesterol Transport from Tangier Disease Fibroblasts: Acceptor Specificity and Effect of Brefeldin on Lipid Efflux, 1813
- Deficiency of Inflammatory Cell Adhesion Molecules Protects Against Atherosclerosis in Mice, 1517
- Dietary Fish Oil: Influence on Lesion Regression in the Porcine Model of Atherosclerosis, 688
- Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665
- Do Plaques Grow Upstream or Downstream? 912
- Does Insulin Resistance Unite the Separate Components of the Insulin Resistance Syndrome?: Evidence From the Miami Community Health Study, 2413
- Downregulation of the Selectin Ligand-Producing Fucosyltransferases Fuc-TIV and Fuc-TVII During Foam Cell Formation in Monocyte-Derived Macrophages, 1591
- Effect of 17 β -Estradiol on Metabolism of Acetylated Low-Density Lipoprotein by THP-1 Macrophages in Culture, 1691
- Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995
- Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages, 18
- Effects of Estrus Cycle, Ovariectomy, and Treatment with Estrogen, Tamoxifen, and Progesterone on Apolipoprotein(a) Gene Expression in Transgenic Mice, 1741
- Effects of Fluvastatin on Leukocyte-Endothelial Cell Adhesion in Hypercholesterolemic Rats, 1521
- Effects of Genotype and Diet on Cholesterol Efflux into Plasma and Lipoproteins of Normal, Apolipoprotein A-I-, and Apolipoprotein E-Deficient Mice, 2010
- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95
- Epitope Specificity of Anti-Heat Shock Protein 65/60 Serum Antibodies in Atherosclerosis, 536
- Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries in Vivo: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061
- Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels, 2479
- Expression of Phospholipase A₂ Isoforms in Human Normal and Atherosclerotic Arterial Wall, 2257
- Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200
- Fibrinogen and Its Relations to Subclinical Extracoronary and Coronary Atherosclerosis in Hypercholesterolemic Men, 45
- Gender-Specific Differences in the Effects of Testosterone and Estrogen on the Development of Atherosclerosis in Rabbits, 2192
- Genetic Cholesteryl Ester Transfer Protein Deficiency Is Extremely Frequent in the Omagari Area of Japan: Marked Hyperalphalipoproteinemia Caused by CETP Gene Mutation Is Not Associated With Longevity, 1053
- Genistein, the Dietary-Derived Angiogenesis Inhibitor, Prevents LDL Oxidation and Protects Endothelial Cells From Damage by Atherogenic LDL, 2868
- HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158
- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherogenesis, 1725
- Hepatic Lipase Gene Polymorphisms Influence Plasma HDL Levels: Results From Finnish EARS Participants, 1879
- High-Density Lipoprotein-Binding Protein (HBP)/Vigilin Is Expressed in Human Atherosclerotic Lesions and Colocalizes With Apolipoprotein E, 2350
- Homocysteine as a Risk Factor for Vascular Disease: Enhanced Collagen Production and Accumulation by Smooth Muscle Cells, 2074
- Homozygous Familial Defective Apolipoprotein B-100: Enhanced Removal of Apolipoprotein E-Containing VLDLs and Decreased Production of LDLs, 348
- Hopelessness and 4-Year Progression of Carotid Atherosclerosis: The Kuopio Ischemic Heart Disease Risk Factor Study, 1490
- Human Monocyte-Derived Macrophages Express an ~120-kD Ox-LDL Binding Protein With Strong Identity to CD68, 3107
- Identification of Osteoglycin as a Component of the Vascular Matrix: Differential Expression by Vascular Smooth Muscle Cells During Neointima Formation and in Atherosclerotic Plaques, 2437
- In Vitro and In Situ Magnetic Resonance Imaging Signal Features of Atherosclerotic Plaque-Associated Lipids, 1496
- In Vitro Interactions of Oxidatively Modified LDL With Type I, II, III, IV, and V Collagen, Laminin, Fibronectin, and Poly-d-Lysine, 2721
- In Vivo Glucosylated LpA-I Subfraction: Evidence for Structural and Functional Alterations, 2830
- In Vivo Transfer of Lipoprotein(a) Into Human Atherosclerotic Carotid Arterial Intima, 905
- Increased Immunolocalization of Paraoxonase, Clusterin, and Apolipoprotein A-I in the Human Artery Wall With the Progression of Atherosclerosis, 1233
- Induction of Nitric Oxide Synthase in the Neointima Induced by a Pariarterial Collar in Rabbits, 737
- Influence of the Geometry of the Left Main Coronary Artery Bifurcation on the Distribution of Sudanophilia in the Daughter Vessels, 1356
- Insulin Resistance as an Independent Risk Factor for Carotid Artery Wall Intima Media Thickening in Vasospastic Angina, 3302
- Large Versus Small Unilamellar Vesicles Mediate Reverse Cholesterol Transport In Vivo Into Two Distinct Hepatic Met-

- abolic Pools: Implications for the Treatment of Atherosclerosis, 2132
- Lifetime Smoking Exposure Affects the Association of C-Reactive Protein With Cardiovascular Disease Risk Factors and Subclinical Disease in Healthy Elderly Subjects, 2167
- Lipid Oxidation Products Have Opposite Effects on Calcifying Vascular Cell and Bone Cell Differentiation: A Possible Explanation for the Paradox of Arterial Calcification in Osteoporotic Patients, 680
- Lipoprotein Lipase Can Function as a Monocyte Adhesion Protein, 1414
- Lipoprotein Lipase Correlates Positively and Hepatic Lipase Inversely With Calcific Atherosclerosis in Homozygous Familial Hypercholesterolemia, 354
- Local Application of LDL Promotes Intimal Thickening in the Collared Carotid Artery of the Rabbit, 2423
- Localization of Nonpancreatic Secretory Phospholipase A₂ in Normal and Atherosclerotic Arteries: Activity of the Isolated Enzyme on Low-Density Lipoproteins, 300
- Long-term Probucol Treatment Reverses the Severity of Myocardial Injury in Watanabe Heritable Hyperlipidemic Rabbits, 2801
- Macrophages Isolated From Human Atherosclerotic Plaques Produce IL-8, and Oxysterols May Have a Regulatory Function for IL-8 Production, 317
- Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802
- Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575
- Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088
- Myosin Gene Expression and Cell Phenotypes in Vascular Smooth Muscle During Development, in Experimental Models, and in Vascular Disease, 1210
- Neutralizing Antibodies Directed Against Osteopontin Inhibit Rat Carotid Neointimal Thickening After Endothelial Denudation, 188
- Niacin Decreases Removal of High-Density Lipoprotein Apolipoprotein A-I but Not Cholesterol Ester by Hep G2 Cells: Implication for Reverse Cholesterol Transport, 2020
- Oxidized LDL Mediates the Release of Fibroblast Growth Factor-1, 445
- Oxidized LDL Stimulates Mitogen-Activated Protein Kinases in Smooth Muscle Cells and Macrophages, 141
- P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes, 310
- Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855
- Parathyroid Hormone-Related Peptide as a Local Regulator of Vascular Calcification: Its Inhibitory Action on In Vitro Calcification by Bovine Vascular Smooth Muscle Cells, 1135
- Platelet-Activating Factor and Oxidized LDL Induce Immune Activation by a Common Mechanism, 963
- Possible Mechanisms of Collar-Induced Intimal Thickening, 1924
- Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744
- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394
- Regulation of Body Adiposity and the Problem of Obesity, 233
- Regulation of Lipoprotein Metabolism by Thiiazolidinediones Occurs through a Distinct but Complementary Mechanism Relative to Fibrates, 1756
- Relation of Plaque Lipid Composition and Morphology to the Stability of Human Aortic Plaques, 1337
- Shear Stress as an Inhibitor of Vascular Smooth Muscle Cell Proliferation: Role of Transforming Growth Factor- β 1 and Tissue-Type Plasminogen Activator, 1512
- Shear Stress Gradients Remodel Endothelial Monolayers in Vitro via a Cell Proliferation-Migration-Loss Cycle, 3102
- Shear Stress Inhibits H₂O₂-Induced Apoptosis of Human Endothelial Cells by Modulation of the Glutathione Redox Cycle and Nitric Oxide Synthase, 3588
- Socioeconomic Status and Progression of Carotid Atherosclerosis: Prospective Evidence From the Kuopio Ischemic Heart Disease Risk Factor Study, 513
- Soluble Vascular Cell Adhesion Molecule-1 as a Biohumoral Correlate of Atherosclerosis, 2646
- "Tall Oil"-Derived Phytosterols Reduce Atherosclerosis in ApoE-Deficient Mice, 119
- Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403
- Tetradecylthioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation In Vitro, 3255
- The Impact of Atherosclerotic Arterial Remodeling on Percentage of Luminal Stenosis Varies Widely Within the Arterial System: A Postmortem Study, 3057
- The Role of Triglyceride-Rich Lipoprotein Families in the Progression of Atherosclerotic Lesions as Determined by Sequential Coronary Angiography From a Controlled Clinical Trial, 715
- The Watanabe Heritable Hyperlipidemic Rabbit Is a Suitable Experimental Model to Study Differences in Tissue Response Between Intimal and Medial Injury After Balloon Angioplasty, 3611
- Thrombin Promotes Activation of Matrix Metalloproteinase-2 Produced by Cultured Vascular Smooth Muscle Cells, 483
- Topographical Association Between the Cyclin-Dependent Kinases Inhibitor P21, p53 Accumulation, and Cellular Proliferation in Human Atherosclerotic Tissue, 2218
- Two Alleles of the Human Paraoxonase Gene Produce Different Amounts of mRNA: An Explanation for Differences in Serum Concentrations of Paraoxonase Associated With the (Leu-Met4) Polymorphism, 2935
- Two Intracellular Signaling Pathways for Activation of Protein Kinase C Are Involved in Oxidized Low-Density Lipoprotein-Induced Macrophage Growth, 3013
- Vastatins Inhibit Tissue Factor in Cultured Human Macrophages: A Novel Mechanism of Protection Against Atherothrombosis, 265
- Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Atherosclerotic plaque**
- Intravascular Magnetic Resonance Imaging of Aortic Atherosclerotic Plaque Composition, 3626
- Atorvastatin**
- Atorvastatin: An Effective Lipid-Modifying Agent in Familial Hypercholesterolemia, 1527
- Efficacy and Safety of a New Hydroxymethylglutaryl-Coenzyme A Reductase Inhibitor, Atorvastatin, in Patients with Combined Hyperlipidemia: Comparison with Fenofibrate, 1793
- Inhibition of HMG-CoA Reductase by Atorvastatin Decreases Both VLDL and LDL Apolipoprotein B Production in Miniature Pigs, 2589
- Atrial fibrillation**
- Plasma Levels of Nitrite/Nitrate and Platelet cGMP Levels Are Decreased in Patients With Atrial Fibrillation, 3191
- Autoantibodies**
- Fibroblasts That Overexpress 15-Lipoxygenase Generate Bioactive and Minimally Modified LDL, 3639
- Autoimmunity**
- Antibodies Against Cardiolipin and Oxidatively Modified LDL in 50-Year-Old Men Predict Myocardial Infarction, 3159
- Association of Serum Vitamin Levels, LDL Susceptibility to Oxidation, and Autoantibodies Against MDA-LDL With Carotid Atherosclerosis: A Case-Control Study, 1171
- Circulating Autoantibodies Recognizing Peroxidase-Oxidized Low Density Lipoprotein: Evidence for New Antigenic Epitopes Formed In Vivo Independently From Lipid Peroxidation, 134

- B**
- B-mode ultrasonography**
- Effect of Streptozotocin-Induced Hyperglycemia on Lipid Profiles, Formation of Advanced Glycation Endproducts in Lesions, and Extent of Atherosclerosis in LDL Receptor Deficient Mice, 2250
- Epitope Specificity of Anti-Heat Shock Protein 65/60 Serum Antibodies in Atherosclerosis, 536
- Autosomal dominant inheritance**
- The Apolipoprotein E2 (Arg145Cys) Mutation Causes Autosomal Dominant Type III Hyperlipoproteinemia With Incomplete Penetrance, 865
- Bacterial toxins**
- Bacterial Toxins Block Endothelial Wound Repair: Evidence That Rho GTPases Control Cytoskeletal Rearrangements in Migrating Endothelial Cells, 1623
- Notoginsenoside R1 Counteracts Endotoxin-Induced Activation of Endothelial Cells In Vitro and Endotoxin-Induced Lethality in Mice In Vivo, 465
- Balloon catheter injury**
- Adenovirus-Mediated Transfer of a Dominant-Negative *H-ras* Suppresses Neointimal Formation in Balloon-Injured Arteries In Vivo, 898
- Apoptosis After Stent Implantation Compared With Balloon Angioplasty in Rabbits: Role of Macrophages, 2383
- Inhibition of Protein Tyrosine Kinases Attenuates Increases in Expression of Transforming Growth Factor- β Isoforms and Their Receptors Following Arterial Injury, 2461
- Overexpression of the P2Y₂ Purinoceptor in Intimal Lesions of the Rat Aorta, 3602
- Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649
- Syndecan-4 Is a Primary-Response Gene Induced by Basic Fibroblast Growth Factor and Arterial Injury in Vascular Smooth Muscle Cells, 172
- Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery, 3174
- Behavior**
- Behaviorally Elicited Heart Rate Reactivity and Atherosclerosis in Ovariectomized Cynomolgus Monkeys (*Macaca fascicularis*), 1774
- Bile acid synthesis**
- Cafestol, the Cholesterol-Raising Factor in Boiled Coffee, Suppresses Bile Acid Synthesis by Downregulation of Cholesterol 7 α -Hydroxylase and Sterol 27-Hydroxylase in Rat Hepatocytes, 3064
- Binding sites**
- Platelet Integrin $\alpha_{IIb} \beta_3$ (GPIIb-IIIa) Is Not Implicated in the Binding of LDL to Intact Resting Platelets, 156
- Bioassay system**
- Inhibition of Inducible Nitric Oxide Synthase Restores Endothelium-Dependent Relaxations in Proinflammatory Mediator-Induced Blood Vessels, 1746
- Bisphosphonates**
- Parathyroid Hormone-Related Peptide as a Local Regulator of Vascular Calcification: Its Inhibitory Action on In Vitro Calcification by Bovine Vascular Smooth Muscle Cells, 1135
- Blood**
- Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia, 3332
- Blood flow**
- Antithrombotic Efficacy of Inactivated Active Site Recombinant Factor VIIa Is Shear Dependent in Human Blood, 3049
Do Plaques Grow Upstream or Downstream? 912
- Loss of Arterial Dilation in the Reendothelialized Area of the Flow-Loaded Rat Common Carotid Artery, 3083
- Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Blood lipids**
- Cross-Trait Familial Resemblance for Body Fat and Blood Lipids: Familial Correlations in the Quebec Family Study, 3270
- Risk of Coronary Heart Disease and Activation of Factor XII in Middle-Aged Men, 2103
- Blood platelets**
- The Antiadhesive and Antithrombotic Effects of the Nitric Oxide Donor SIN-1 Are Combined With a Decreased Vasoconstriction in a Porcine Model of Balloon Angioplasty, 1806
- Blood pressure**
- Risk of Coronary Heart Disease and Activation of Factor XII in Middle-Aged Men, 2103
- Blood rheology**
- Seasonal Variations of Rheological and Hemostatic Parameters and Acute-Phase Reactants in Young, Healthy Subjects, 2692
- Blood vessels**
- Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665
- Inhibition of Inducible Nitric Oxide Synthase Restores Endothelium-Dependent Relaxations in Proinflammatory Mediator-Induced Blood Vessels, 1746
- Manipulating Angiogenesis: From Basic Science to the Bedside, 605
- Body fat distribution**
- Cross-Trait Familial Resemblance for Body Fat and Blood Lipids: Familial Correlations in the Quebec Family Study, 3270
- Extent and Composition of Coronary Lesions and Degree of Cardiac Hypertrophy in Relation to Abdominal Fatness in Men Under 40 Years of Age, 574
- Body mass index**
- Moderate Genetic Influences on Plasma Levels of Plasminogen Activator Inhibitor-1 and Evidence of Genetic and Environmental Influences Shared by Plasminogen Activator Inhibitor-1, Triglycerides, and Body Mass Index, 2776
- Bone marrow transplantation**
- Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice, 340
- Bradykinin receptor antagonist**
- Role of Angiotensin II and Bradykinin on Aortic Collagen Following Converting Enzyme Inhibition in Spontaneously Hypertensive Rats, 3196
- Brain**
- A Novel Mosaic Protein Containing LDL Receptor Elements Is Highly Conserved in Humans and Chickens, 996
- Heterogeneity of Endothelial Cells: Specific Markers, 1193
- Thrombomodulin Expression in Bovine Brain Capillaries: Anticoagulant Function of the Blood-Brain Barrier, Regional Differences, and Regulatory Mechanisms, 3139
- Brefeldin**
- Decreased Reverse Cholesterol Transport from Tangier Disease Fibroblasts: Acceptor Specificity and Effect of Brefeldin on Lipid Efflux, 1813
- C**
- C-myc**
- Effect of Phosphorothioated Oligonucleotides on Neointima Formation in the Rat Carotid Artery: Dissecting the Mechanism of Action, 2326
- C-reactive protein**
- Relationship of C-Reactive Protein to Risk of Cardiovascular Disease in the Elderly: Results From the Cardiovascular Health Study and the Rural Health Promotion Project, 1121
- Calcium**
- Detection of Osteopontin in Calcified Human Aortic Valves, 547

- Differential Effects of Extracellular Mg²⁺ on Thrombin-Induced and Capacitative Ca²⁺ Entry in Human Coronary Arterial Endothelial Cells, 3356
- Effects of Short-term Exercise on Female Platelet Function During Different Phases of the Menstrual Cycle, 1682
- Influence of Hypercholesterolemia and Adventitial Inflammation on the Development of Aortic Aneurysm in Rabbits, 10
- Intracellular Calcium Mobilization Suppresses the TNF- α -Stimulated Synthesis of PAI-1 in Human Endothelial Cells: Indications That Calcium Acts at a Translational Level, 1550
- Involvement of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells, 2177
- Lipid Oxidation Products Have Opposite Effects on Calcifying Vascular Cell and Bone Cell Differentiation: A Possible Explanation for the Paradox of Arterial Calcification in Osteoporotic Patients, 680
- Lysophosphatidylcholine Inhibits Receptor-Mediated Ca²⁺ Mobilization in Intact Endothelial Cells of Rabbit Aorta, 1561
- Oxidized LDLs Induce Massive Apoptosis of Cultured Human Endothelial Cells Through a Calcium-Dependent Pathway: Prevention by Aurintricarboxylic Acid, 331
- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394
- Short-term Exposure to Thapsigargin Inhibits Neointima Formation in Human Saphenous Vein, 2500
- Calreticulin**
- Calreticulin, a Potential Vascular Regulatory Protein, Reduces Intimal Hyperplasia After Arterial Injury, 2359
- Capturing the Promise**
- Introduction, 1845
- Cardiac function**
- Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat, 1985
 - Nitric Oxide Synthases and Cardiac Muscle: Autocrine and Paracrine Influences, 1846
- Cardiolipin**
- Antibodies Against Cardiolipin and Oxidatively Modified LDL in 50-Year-Old Men Predict Myocardial Infarction, 3159
- Cardiovascular disease**
- Association of Serum Vitamin Levels, LDL Susceptibility to Oxidation, and Autoantibodies Against MDA-LDL With Carotid Atherosclerosis: A Case-Control Study, 1171
 - Behaviorally Elicited Heart Rate Reactivity and Atherosclerosis in Ovariectomized Cynomolgus Monkeys (*Macaca fascicularis*), 1774
 - Homocyst(e)ine and Risk of Cardiovascular Disease in the Multiple Risk Factor Intervention Trial, 1947
 - Interactions Between Dietary Fat, Fish, and Fish Oils and Their Effects on Platelet Function in Men at Risk of Cardiovascular Disease, 279
 - The Angiotensin-Converting Enzyme Gene and the Angiotensin II Type I Receptor Gene as Candidate Genes for Microalbuminuria: A Study in Nondiabetic and Non-Insulin-Dependent Diabetic Subjects, 2188
- Carotid artery**
- Expression of Matrix Metalloproteinases and Their Inhibitor TIMP-1 in the Rat Carotid Artery After Balloon Injury, 1837
 - PDGF Receptor Protein Tyrosine Kinase Expression in the Balloon-Injured Rat Carotid Artery, 1283
 - Polymorphism of the Apolipoprotein E Gene and Early Carotid Atherosclerosis Defined by Ultrasonography in Asymptomatic Adults, 91
 - The Antiadhesive and Antithrombotic Effects of the Nitric Oxide Donor SIN-1 Are Combined With a Decreased Vasoconstriction in a Porcine Model of Balloon Angioplasty, 1806
- Case-control studies**
- Lipoprotein(a) Interactions With Lipid and Nonlipid Risk Factors in Early Familial Coronary Artery Disease, 2783
- Catabolism**
- Apolipoprotein A-I_{Fab}: Dominantly Inherited Hypoalphalipoproteinemia Due to a Single Base Substitution in the Apolipoprotein A-I Gene, 83
- Caveolae**
- Tissue Factor Pathway Inhibitor in Endothelial Cells Colocalizes With Glycolipid Microdomains/Caveolae: Regulatory Mechanism(s) of the Anticoagulant Properties of the Endothelium, 2964
- Cell adhesion**
- 7E3 Monoclonal Antibody Directed Against the Platelet Glycoprotein IIb/IIIa Cross-reacts With the Leukocyte Integrin Mac-1 and Blocks Adhesion to Fibrinogen and ICAM-1, 528
 - A Novel Mosaic Protein Containing LDL Receptor Elements Is Highly Conserved in Humans and Chickens, 996
- Cell cycle**
- Cellular Radiosensitivity, Radioresistant DNA Synthesis, and Defect in Radioinduction of p⁵³ in Fibroblasts From Atherosclerosis Patients, 947
 - DNA Fragmentation and Ultrastructural Changes of Degenerating Cells in Atherosclerotic Lesions and Smooth Muscle Cells Exposed to Oxidized LDL In Vitro, 2225
- Cell migration**
- Bacterial Toxins Block Endothelial Wound Repair: Evidence That Rho GTPases Control Cytoskeletal Rearrangements in Migrating Endothelial Cells, 1623
- Cell proliferation**
- Quantitation of Platelet-Derived Growth Factor Receptors in Human Arterial Smooth Muscle Cells In Vitro, 2395
 - Topographical Association Between the Cyclin-Dependent Kinase Inhibitor P21, p53 Accumulation, and Cellular Proliferation in Human Atherosclerotic Tissue, 2218
- Cell-surface proteoglycans**
- Possible Functional Interactions of Apolipoprotein B-100 Segments That Associate With Cell Proteoglycans and the ApoB/E Receptor, 149
- Cellular activation**
- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954
- Cellular cholesterol recruitment**
- Evidence That Apolipoprotein A-I_{Milano} Has Reduced Capacity, Compared With Wild-Type Apolipoprotein A-I, to Recruit Membrane Cholesterol, 1637
- Chemokines and chemotaxis**
- Basic Fibroblast Growth Factor (bFGF) Regulates the Expression of the CC Chemokine Monocyte Chemoattractant Protein-1 (MCP-1) in Autocrine-Activated Endothelial Cells, 2471
 - Fibroblasts That Overexpress 15-Lipoxygenase Generate Bioactive and Minimally Modified LDL, 3639
 - Platelet-Derived Growth Factor β -Receptors Can Both Promote and Inhibit Chemotaxis in Human Vascular Smooth Muscle Cells, 2622
- Children**
- Differences in the Phenotype Between Children With Familial Defective Apolipoprotein B-100 and Familial Hypercholesterolemia, 826
- Chinese**
- Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067
- Cholesterol**
- Alcohol Increases Plasma Levels of Cholesterol Diet-Induced Atherogenic Lipoproteins and Aortic Atherosclerosis in Rabbits, 1091
 - Altered Compliance and Residual Strains Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency, 2209
 - Antiatherogenic Effect of Estrogen Abolished by Balloon Catheter Injury in Cholesterol-Clamped Rabbits, 1504
 - Cafestol, the Cholesterol-Raising Factor in Boiled Coffee, Suppresses Bile Acid Synthesis by Downregulation of Cholesterol 7 α -Hydroxylase and Sterol 27-Hydroxylase in Rat Hepatocytes, 3064

- Cholesterol Reduction and Clinical Benefit: Are There Limits to Our Expectations? 3527
- Chronic *Chlamydia pneumoniae* Infection Is Associated With a Serum Lipid Profile Known to Be a Risk Factor for Atherosclerosis, 2910
- CLA-1 Is an 85-kD Plasma Membrane Glycoprotein That Acts as a High-Affinity Receptor for Both Native (HDL, LDL, and VLDL) and Modified (OxLDL and AcLDL) Lipoproteins, 2341
- Decreased Reverse Cholesterol Transport from Tangier Disease Fibroblasts: Acceptor Specificity and Effect of Brefeldin on Lipid Efflux, 1813
- Dose-Dependent Suppression of Transplant Arteriosclerosis in Aorta-Allografted, Cholesterol-Clamped Rabbits: Suppression Not Eliminated by the Cholesterol-Raising Effect of Cyclosporine, 2515
- Effect of 347-Serine Mutation in Apoprotein A-IV on Plasma LDL Cholesterol Response to Dietary Fat, 1532
- Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224
- Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211
- Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages, 18
- Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128
- Familial Resemblance of Plasma Lipids, Lipoproteins and Post-heparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study, 3263
- High Density Lipoproteins Stimulate Mitogen-Activated Protein Kinases in Human Skin Fibroblasts, 1667
- Human Leukemia Inhibitory Factor Upregulates LDL Receptors on Liver Cells and Decreases Serum Cholesterol in the Cholesterol-Fed Rabbit, 1267
- Influence of Hypercholesterolemia and Adventitial Inflammation on the Development of Aortic Aneurysm in Rabbits, 10
- Large Versus Small Unilamellar Vesicles Mediate Reverse Cholesterol Transport In Vivo Into Two Distinct Hepatic Metabolic Pools: Implications for the Treatment of Atherosclerosis, 2132
- Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910
- Normolipidemic Subjects With Low HDL Cholesterol Levels Have Altered HDL Subpopulations, 1885
- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394
- Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- "Tall Oil"-Derived Phytosterols Reduce Atherosclerosis in ApoE-Deficient Mice, 119
- The Effect of Oxidizing Cholesterol on Gastrointestinal Absorption, Plasma Clearance, Tissue Distribution, and Processing by Endothelial Cells, 778
- Urbanization Elicits a More Atherogenic Lipoprotein Profile in Carriers of the Apolipoprotein A-IV-2 Allele Than in A-IV-1 Homozygotes, 1074
- Cholesterol absorption**
- Polymorphisms of the Genes Encoding Apoproteins A-I, B, C-III, and E and LDL Receptor, and Cholesterol and LDL Metabolism During Increased Cholesterol Intake: Common Alleles of the Apoprotein E Gene Show the Greatest Regulatory Impact, 38
- The Effect of Oxidizing Cholesterol on Gastrointestinal Absorption, Plasma Clearance, Tissue Distribution, and Processing by Endothelial Cells, 778
- Cholesterol flux**
- Cholesterol-Mediated Changes of Neutral Cholesterol Esterase Activity in Macrophages: Mechanism for Mobilization of Cholestryler Esters in Lipid Droplets by HDL, 3033
- Design of a New Class of Amphiphatic Helical Peptides for the Plasma Apolipoproteins That Promote Cellular Cholesterol Efflux But Do Not Activate LCAT, 580
- Effect of Coffee Lipids (Cafestol and Kahweol) on Regulation of Cholesterol Metabolism in HepG2 Cells, 2140
- Glucocorticoids Stimulate Cholestryler Ester Formation in Human Smooth Muscle Cells, 1143
- HDL Phospholipid Content and Composition as a Major Factor Determining Cholesterol Efflux Capacity From Fu5AH Cells to Human Serum, 2685
- Lysophosphatidylcholine Promotes Cholesterol Efflux From Mouse Macrophage Foam Cells, 1258
- Remodeling and Shuttling: Mechanisms for the Synergistic Effects Between Different Acceptor Particles in the Mobilization of Cellular Cholesterol, 383
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- Structural and Functional Comparison of HDL From Homologous Human Plasma and Follicular Fluid: A Model for Extravascular Fluid, 1605
- Cholesterol synthesis**
- Polymorphisms of the Genes Encoding Apoproteins A-I, B, C-III, and E and LDL Receptor, and Cholesterol and LDL Metabolism During Increased Cholesterol Intake: Common Alleles of the Apoprotein E Gene Show the Greatest Regulatory Impact, 38
- Cholesterol transport**
- Phosphoproteins Regulated by the Interaction of High-Density Lipoprotein With Human Skin Fibroblasts, 2698
- Cholestryler ester transfer protein**
- Altered Transfer of Cholestryler Esters and Phospholipids in Plasma From Alcohol Abusers, 2940
- Cholestryler Ester Transfer Protein Activity Enhances Plasma Cholestryler Ester Formation: Studies in CETP Transgenic Mice and Human Genetic CETP Deficiency, 1045
- Deficiency of Cholestryler Ester Transfer Protein: Description of the Molecular Defect and the Dissociation of Cholestryler Ester and Triglyceride Transport in Plasma, 3433
- Determinants of Plasma HDL-Cholesterol in Hypertriglyceridemic Patients: Role of Cholesterol-Ester Transfer Protein and Lecithin Cholestryler Acyl Transferase, 56
- Genetic Cholestryler Ester Transfer Protein Deficiency Is Extremely Frequent in the Omagari Area of Japan: Marked Hyperalphalipoproteinemia Caused by CETP Gene Mutation Is Not Associated With Longevity, 1053
- Heterogeneity at the CETP Gene Locus: Influence on Plasma CETP Concentrations and HDL Cholesterol Levels, 560
- Plasma Kinetics of Cholestryler Ester Transfer Protein in the Rabbit: Effects of Dietary Cholestryler, 203
- Suppression of Lipid Transfer Inhibitor Protein Activity by Oleate: A Novel Mechanism of Cholestryler Ester Transfer Protein Regulation by Plasma Free Fatty Acids, 3041
- Cholestryler esters**
- Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211
- Glucocorticoids Stimulate Cholestryler Ester Formation in Human Smooth Muscle Cells, 1143
- Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Prostaglandin F₂-Like Compounds, F₂-Isoprostanones, Are Present in Increased Amounts in Human Atherosclerotic Lesions, 3236
- Chylomicrons**
- Assembly and Secretion of VLDL in Nondifferentiated Caco-2 Cells Stably Transfected With Human Recombinant ApoB48 cDNA, 2955

- Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipase-Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase, 2532**
- Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211**
- Lipid Binding of Apolipoprotein CII Is Required for Stimulation of Lipoprotein Lipase Activity Against Apolipoprotein CII-Deficient Chylomicrons, 1545**
- Ciprofibrate**
Interaction of Very-Low-Density, Intermediate-Density, and Low-Density Lipoproteins With Human Arterial Wall Proteoglycans, 2507
- Circular dichroism**
Design of a New Class of Amphipathic Helical Peptides for the Plasma Apolipoproteins That Promote Cellular Cholesterol Efflux But Do Not Activate LCAT, 580
- Clinical trials**
The Role of Triglyceride-Rich Lipoprotein Families in the Progression of Atherosclerotic Lesions as Determined by Sequential Coronary Angiography From a Controlled Clinical Trial, 715
- Clotting factors**
Risk of Coronary Heart Disease and Activation of Factor XII in Middle-Aged Men, 2103
- Clusterin**
Increased Immunolocalization of Paraoxonase, Clusterin, and Apolipoprotein A-I in the Human Artery Wall With the Progression of Atherosclerosis, 1233
- Coagulation**
Association of the Fatty Acid Composition of Serum Phospholipids With Hemostatic Factors, 809
Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384
Effects of Dietary Fat Quality and Quantity on Postprandial Activation of Blood Coagulation Factor VII, 2904
Evidence Against an Effect of Endothelin-1 on Blood Coagulation, Fibrinolysis, and Endothelial Cell Integrity in Healthy Men, 2861
Genetic Variation in Factor VII Associated with Variation in Plasma Lipoprotein(a) Concentration, 1701
Influence of *n*-6 versus *n*-3 Polyunsaturated Fatty Acids in Diets Low in Saturated Fatty Acids on Plasma Lipoproteins and Hemostatic Factors, 3449
Relationship of C-Reactive Protein to Risk of Cardiovascular Disease in the Elderly: Results From the Cardiovascular Health Study and the Rural Health Promotion Project, 1121
- Coffee**
Cafestol, the Cholesterol-Raising Factor in Boiled Coffee, Suppresses Bile Acid Synthesis by Downregulation of Cholesterol 7 α -Hydroxylase and Sterol 27-Hydroxylase in Rat Hepatocytes, 3064
- Collagen**
Coordinated Effects of Fibroblast Growth Factor-2 on Expression of Fibrillar Collagens, Matrix Metalloproteinases, and Tissue Inhibitors of Matrix Metalloproteinases by Human Vascular Smooth Muscle Cells: Evidence for Repressed Collagen Production and Act, 475
Homocysteine as a Risk Factor for Vascular Disease: Enhanced Collagen Production and Accumulation by Smooth Muscle Cells, 2074
In Vitro Interactions of Oxidatively Modified LDL With Type I, II, III, IV, and V Collagen, Laminin, Fibronectin, and Poly-d-Lysine, 2721
Influence of Hypercholesterolemia and Adventitial Inflammation on the Development of Aortic Aneurysm in Rabbits, 10
Inhibition of Collagen Synthesis, Smooth Muscle Cell Proliferation, and Injury-Induced Intimal Hyperplasia by Halofuginone, 194
Local Application of LDL Promotes Intimal Thickening in the Collared Carotid Artery of the Rabbit, 2423
Native Macromolecular Heparin Proteoglycans Exocytosed From Stimulated Rat Serosal Mast Cells Strongly Inhibit Platelet-Collagen Interactions, 3578
- Platelet Activation in Flowing Blood Passing Growing Arterial Thrombi, 1331**
- Prevention of Aortic Fibrosis by Spironolactone in Spontaneously Hypertensive Rats, 1152**
- Role of Angiotensin II and Bradykinin on Aortic Collagen Following Converting Enzyme Inhibition in Spontaneously Hypertensive Rats, 3196**
- Shear Stress-Induced Detachment of Blood Platelets From Various Surfaces, 3202**
- Compartmental analysis**
Lipoprotein Kinetics in Patients With Analbuminemia: Evidence for the Role of Serum Albumin in Controlling Lipoprotein Metabolism, 1369
- Compensatory remodeling**
Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medial Atrophy, and Adventitial Inflammation, 3593
- Complement**
A General Strategy for Isolation of Endothelial Cells From Murine Tissues: Characterization of Two Endothelial Cell Lines From the Murine Lung and Subcutaneous Sponge Implants, 1599
Binding Properties and Inhibition of Platelet Aggregation by a Monoclonal Antibody to CD31 (PECAM-1), 3154
Complement C5b-9 Increases Plasminogen Binding and Activation on Human Endothelial Cells, 164
Evidence That Human Fc γ Receptor IIA (CD32) Subtypes Are Not Receptors for Oxidized LDL, 3248
Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200
Human Monocyte-Derived Macrophages Express an \approx 120-kD Ox-LDL Binding Protein With Strong Identity to CD68, 3107
Immunohistochemical Colocalization of the Terminal Complex of Human Complement and Smooth Muscle Cell α -Actin in Early Atherosclerotic Lesions, 2448
- Complex disease**
No Evidence of Linkage Between Familial Combined Hyperlipidemia and Genes Encoding Lipolytic Enzymes in Finnish Families, 841
- Computed tomography**
Lipoprotein Lipase Correlates Positively and Hepatic Lipase Inversely With Calcific Atherosclerosis in Homozygous Familial Hypercholesterolemia, 354
- Conformation**
Conformational Changes in Apolipoprotein B Modulate Intracellular Assembly and Degradation of ApoB-Containing Lipoprotein Particles in HepG2 Cells, 2982
- Conjugated equine estrogens**
Hormonal Regulation of Lipoprotein(a) Levels: Effects of Estrogen Replacement Therapy on Lipoprotein(a) and Acute Phase Reactants in Postmenopausal Women, 1822
- Connexin43**
Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery, 3174
- Continuous ambulatory peritoneal dialysis**
Lipid Transfer Inhibitor Protein Activity Deficiency in Normolipidemic Uremic Patients on Continuous Ambulatory Peritoneal Dialysis, 1716
- Copper**
Tetradecythioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation in Vitro, 3255
- Corneal opacities**
Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Coronary artery disease**
 β -VLDL Hypercholesterolemia Relative to LDL Hypercholesterolemia Is Associated With Higher Levels of Oxidized Lipoproteins and a More Rapid Progression of Coronary Atherosclerosis in Rabbits, 2376

- A** ¹⁹²Arg Variant of the Human Paraoxonase (*HUMPTONA*) Gene Polymorphism Is Associated With an Increased Risk for Coronary Artery Disease in the Japanese, 3565
- A Prospective Case-Control Study of Lipoprotein(a) Levels and Apo(a) Size and Risk of Coronary Heart Disease in Stanford Five-City Project Participants, 239
- Altered Platelet Function Detected by Flow Cytometry: Effects of Coronary Artery Disease and Age, 2044
- Apolipoprotein A-I_{FIN} (Leu159→Arg) Mutation Affects Lecithin: Cholesterol Acyltransferase Activation and Subclass Distribution of HDL but Not Cholesterol Efflux From Fibroblasts, 3021
- Common C-to-T Substitution at Position -480 of the Hepatic Lipase Promoter Associated With a Lowered Lipase Activity in Coronary Artery Disease Patients, 2837
- Compensatory Enlargement in Coronary and Femoral Arteries Is Related to Neither the Extent of Plaque-Free Vessel Wall Nor Lesion Eccentricity: A Postmortem Study, 2617
- Etiologic Heterogeneity of HyperapoBetalipoproteinemia (HyperapoB): Results From Segregation Analysis in Families With Premature Coronary Artery Disease, 2729
- Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries *In Vivo*: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061
- Extent and Composition of Coronary Lesions and Degree of Cardiac Hypertrophy in Relation to Abdominal Fatness in Men Under 40 Years of Age, 574
- Fibrinogen and Its Relations to Subclinical Extracoronary and Coronary Atherosclerosis in Hypercholesterolemic Men, 45
- Fibrinolytic Activity Is Similar in Physically Active Men With and Without a History of Myocardial Infarction, 1106
- Genotype Distribution of Estrogen Receptor Polymorphisms in Men and Postmenopausal Women From Healthy and Coronary Populations and Its Relation to Serum Lipid Levels, 3006
- Heterogeneity at the *CETP* Gene Locus: Influence on Plasma CETP Concentrations and HDL Cholesterol Levels, 560
- Increased Oxidation of LDL in Patients With Coronary Artery Disease Is Independent From Dietary Vitamins E and C, 1432
- Influence of the Geometry of the Left Main Coronary Artery Bifurcation on the Distribution of Sudanophilia in the Daughter Vessels, 1356
- Lipoprotein Lipase Correlates Positively and Hepatic Lipase Inversely With Calcific Atherosclerosis in Homozygous Familial Hypercholesterolemia, 354
- Metroxyprogesterone Acetate Antagonizes Inhibitory Effects of Conjugated Equine Estrogens on Coronary Artery Atherosclerosis, 217
- Niacin Decreases Removal of High-Density Lipoprotein Apolipoprotein A-I but Not Cholesterol Ester by Hep G2 Cells: Implication for Reverse Cholesterol Transport, 2020
- Plasma Acylation-Stimulating Protein in Coronary Artery Disease, 1239
- Plasma Total Homocysteine, B Vitamins, and Risk of Coronary Atherosclerosis, 989
- Plasminogen Activator Inhibitor-1 Promoter 4G/5G Genotype and Plasma Levels in Relation to a History of Myocardial Infarction in Patients Characterized by Coronary Angiography, 33
- Polymorphisms of Factor V, Factor VII, and Fibrinogen Genes: Relevance to Severity of Coronary Artery Disease, 246
- Postprandial Elevation of ApoB-48-Containing Triglyceride-Rich Particles and Retinyl Esters in Normolipemic Males Who Smoke, 2096
- Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695
- Ser_{447stop} Mutation in Lipoprotein Lipase Is Associated With Elevated HDL Cholesterol Levels in Normolipidemic Males, 595
- The Severity of Coronary Atherosclerosis in Type 2 Diabetes Mellitus Is Related to the Number of Circulating Triglyceride-Rich Lipoprotein Particles, 3633
- Vascular Myofibroblasts: Lessons From Coronary Repair and Remodeling, 417
- Coronary heart disease**
- Association of the Fatty Acid Composition of Serum Phospholipids With Hemostatic Factors, 809
- Cholesterol Reduction and Clinical Benefit: Are There Limits to Our Expectations? 3527
- Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224
- Familial Resemblance of Plasma Lipids, Lipoproteins and Post-heparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study, 3263
- Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067
- Isolated Low HDL Cholesterol As a Risk Factor for Coronary Heart Disease Mortality: A 21-Year Follow-up of 8000 Men, 107
- Lipoprotein(a) Interactions With Lipid and Nonlipid Risk Factors in Early Familial Coronary Artery Disease, 2783
- Relation of LDL Size to the Insulin Resistance Syndrome and Coronary Heart Disease in American Indians: The Strong Heart Study, 2713
- Relationship of C-Reactive Protein to Risk of Cardiovascular Disease in the Elderly: Results From the Cardiovascular Health Study and the Rural Health Promotion Project, 1121
- Subjects With ApoA-I(Lys₁₀₇→0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- Cross-sectional studies**
- Plasminogen Activator Inhibitor-1 (PAI-1) Antigen Plasma Levels in Subjects Attending a Metabolic Ward: Relation to Polymorphisms of PAI-1 and Angiotensin Converting Enzyme (ACE) Genes, 2082
- CSF-1**
- Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages, 18
- Curcumin**
- Inhibition of Tissue Factor Gene Activation in Cultured Endothelial Cells by Curcumin: Suppression of Activation of Transcription Factors Egr-1, AP-1, and NF-κB, 3406
- Cyclic AMP**
- cAMP Involvement in the Expression of MMP-2 and MT-MMP1 Metalloproteinases in Human Endothelial Cells, 3185
- Regulation of Tumor Necrosis Factor-α and Interleukin-1β Induced Adhesion Molecule Expression in Human Vascular Smooth Muscle Cells by cAMP, 2568
- Thrombomodulin Expression in Bovine Brain Capillaries: Anticoagulant Function of the Blood-Brain Barrier, Regional Differences, and Regulatory Mechanisms, 3139
- Cyclic GMP**
- Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherogenesis, 954
- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394
- Cyclooxygenases**
- Induction of Cyclooxygenase-2 in Human Saphenous Vein and Internal Mammary Artery, 1644
- HDL-Induced Prostaglandin Release in Smooth Muscle Cells Is Dependent on Cyclooxygenase-2 (Cox-2), 3481
- Cyclosporine**
- Dose-Dependent Suppression of Transplant Arteriosclerosis in Aorta-Allografted, Cholesterol-Clamped Rabbits: Suppression Not Eliminated by the Cholesterol-Raising Effect of Cyclosporine, 2515
- Cynomolgus monkeys**
- Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128

- Medroxyprogesterone Acetate Antagonizes Inhibitory Effects of Conjugated Equine Estrogens on Coronary Artery Atherosclerosis, 217**
- Soy Protein Versus Soy Phytoestrogens in the Prevention of Diet-Induced Coronary Artery Atherosclerosis of Male Cynomolgus Monkeys, 2524**
- Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403**
- Cytokines**
- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954
 - Early Activation Signals in Endothelial Cells, 423
 - Elevated Circulating Levels of Inflammatory Cytokines in Patients With Abdominal Aortic Aneurysm, 2843
 - Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200
 - Heterogeneity of Endothelial Cells: Specific Markers, 1193
 - Intracellular Calcium Mobilization Suppresses the TNF- α -Stimulated Synthesis of PAI-1 in Human Endothelial Cells: Indications That Calcium Acts at a Translational Level, 1550
 - Manipulating Angiogenesis: From Basic Science to the Bedside, 605
 - Monocyte Chemotactic Protein-1 Expression Is Associated With the Development of Vein Graft Intimal Hyperplasia, 1614
 - Nitric Oxide Synthases and Cardiac Muscle: Autocrine and Paracrine Influences, 1846
 - Sustained Anti-CD4/CD8 Treatment Blocks Inflammatory Activation and Intimal Thickening in Mouse Heart Allografts, 2115
 - Thrombomodulin Expression in Bovine Brain Capillaries: Anticoagulant Function of the Blood-Brain Barrier, Regional Differences, and Regulatory Mechanisms, 3139
- Cytomegalovirus**
- Cytomegalovirus Infection, Lipoprotein(a), and Hypercoagulability: An Atherogenic Link? 1780
- D**
- De-endothelialization**
- Triflavin Inhibits Platelet-Induced Vasoconstriction in De-endothelialized Aorta, 3461
- Deep-vein thrombosis**
- A Common Mutation in the Methylenetetrahydrofolate Reductase Gene (C677T) Increases the Risk for Deep-Vein Thrombosis in Patients With Mutant Factor V (Factor V:Q⁵⁰⁶), 1662
- Deficiency**
- Common C-to-T Substitution at Position -480 of the Hepatic Lipase Promoter Associated With a Lowered Lipase Activity in Coronary Artery Disease Patients, 2837
- DEGR-rFVIIa**
- Antithrombotic Efficacy of Inactivated Active Site Recombinant Factor VIIa Is Shear Dependent in Human Blood, 3049
- Degradation**
- Conformational Changes in Apolipoprotein B Modulate Intracellular Assembly and Degradation of ApoB-Containing Lipoprotein Particles in HepG2 Cells, 2982
- Density gradient ultracentrifugation**
- Copper-Catalyzed Oxidation Mediates PAF Formation in Human LDL Subspecies: Protective Role of PAF:Acetylhydrolase in Dense LDL, 3505
- Denudation**
- Loss of Arterial Dilation in the Reendothelialized Area of the Flow-Loaded Rat Common Carotid Artery, 3083
- Deuterium**
- Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes, 881
- Development**
- Connective Tissue Growth Factor: Friend or Foe? 1483
- Diabetes**
- Cardiovascular Risk Factors and Hyalinization of Renal Arterioles at Autopsy: The Honolulu Heart Program, 760
 - Effect of 17 β -Estradiol on Plasma Lipids and LDL Oxidation in Postmenopausal Women With Type II Diabetes Mellitus, 324
 - Effect of Streptozotocin-Induced Hyperglycemia on Lipid Profiles, Formation of Advanced Glycation Endproducts in Lesions, and Extent of Atherosclerosis in LDL Receptor Deficient Mice, 2250
 - Genetic Relationship Between Measures of HDL Phenotypes and Insulin Concentrations, 3414
 - Interaction Between BTBR and C57BL/6J Genomes Produces an Insulin Resistance Syndrome in (BTBR \times C57BL/6J) F₁ Mice, 3286
 - Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802
 - Relation of LDL Size to the Insulin Resistance Syndrome and Coronary Heart Disease in American Indians: The Strong Heart Study, 2713
 - The Angiotensin-Converting Enzyme Gene and the Angiotensin II Type I Receptor Gene as Candidate Genes for Microalbuminuria: A Study in Nondiabetic and Non-Insulin-Dependent Diabetic Subjects, 2188
 - The Severity of Coronary Atherosclerosis in Type 2 Diabetes Mellitus Is Related to the Number of Circulating Triglyceride-Rich Lipoprotein Particles, 3633
 - Vitamin E/Lipid Peroxide Ratio and Susceptibility of LDL to Oxidative Modification in Non-Insulin-Dependent Diabetes Mellitus, 1438
- Diagnosis**
- Familial Hypercholesterolemia in the Finnish North Karelia: A Molecular, Clinical, and Genealogical Study, 3127
- Diet**
- Angiotensin-Converting Enzyme Gene and Atherosclerosis, 1245
 - ApoE Genotype Does Not Predict Lipid Response to Changes in Dietary Saturated Fatty Acids in a Heterogeneous Normolipidemic Population, 2914
 - Associations Between Diet and the Hyperapobetalipoproteinemia Phenotype Expression in Children and Young Adults: The Cardiovascular Risk in Young Finns Study, 820
 - Dietary Fish Oil: Influence on Lesion Regression in the Porcine Model of Atherosclerosis, 688
 - Effect of 347-Serine Mutation in Apoprotein A-IV on Plasma LDL Cholesterol Response to Dietary Fat, 1532
 - Effects of Dietary Fat Quality and Quantity on Postprandial Activation of Blood Coagulation Factor VII, 2904
 - Fatty Streak Formation in Fat-Fed Mice Expressing Human Copper-Zinc Superoxide Dismutase, 1734
 - Interaction of Diet and Genes in Atherogenesis Report of an NHLBI Working Group, 3326
 - LDL Subclass Patterns and Lipoprotein Response to a Low-Fat, High-Carbohydrate Diet in Women, 707
 - Normolipidemic Subjects With Low HDL Cholesterol Levels Have Altered HDL Subpopulations, 1885
 - Plasma Kinetics of Cholestryl Ester Transfer Protein in the Rabbit: Effects of Dietary Cholesterol, 203
 - Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657
 - Polymorphisms of the Genes Encoding Apoproteins A-I, B, C-III, and E and LDL Receptor, and Cholesterol and LDL Metabolism During Increased Cholesterol Intake: Common Alleles of the Apoprotein E Gene Show the Greatest Regulatory Impact, 38
 - Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice, 340
 - Urbanization Elicits a More Atherogenic Lipoprotein Profile in Carriers of the Apolipoprotein A-IV-2 Allele Than in A-IV-1 Homozygotes, 1074

Dietary fat

Influence of *n*-6 versus *n*-3 Polyunsaturated Fatty Acids in Diets
Low in Saturated Fatty Acids on Plasma Lipoproteins and
Hemostatic Factors, 3449

Differential display

Downregulation of the Selectin Ligand-Producing Fucosyltransferases Fuc-TIV and Fuc-TVII During Foam Cell Formation in Monocyte-Derived Macrophages, 1591

Differentiation

Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665

Differentiation, Dedifferentiation, and Apoptosis of Smooth Muscle Cells During the Development of the Human Ductus Arteriosus, 1003

Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells In Vitro, 2897

Myosin Gene Expression and Cell Phenotypes in Vascular Smooth Muscle During Development, in Experimental Models, and in Vascular Disease, 1210

Diffusion

Water Diffusion Properties of Human Atherosclerosis and Thrombosis Measured by Pulse Field Gradient Nuclear Magnetic Resonance, 542

Dithiothreitol

Conformational Changes in Apolipoprotein B Modulate Intracellular Assembly and Degradation of ApoB-Containing Lipoprotein Particles in HepG2 Cells, 2982

DNA

Genetic Contribution of the Endothelial Constitutive Nitric Oxide Synthase Gene to Plasma Nitric Oxide Levels, 3147

Shear Stress Inhibits H₂O₂-Induced Apoptosis of Human Endothelial Cells by Modulation of the Glutathione Redox Cycle and Nitric Oxide Synthase, 3588

Thrombospondin-1 Is a Potent Mitogen and Chemoattractant for Human Vascular Smooth Muscle Cells, 2107

Dopamine

Dopamine as a Novel Antimigration and Antiproliferative Factor of Vascular Smooth Muscle Cells Through Dopamine D1-Like Receptors, 3164

Double pre-beta lipoproteinemia

Prevalence of Double Pre-Beta Lipoproteinemia in Hyperlipidemic Patients Is Influenced by Gender, Menopausal Status, and ApoE Phenotype, 2630

Ductus arteriosus

Differentiation, Dedifferentiation, and Apoptosis of Smooth Muscle Cells During the Development of the Human Ductus Arteriosus, 1003

Dyslipidemia

Lipoprotein Kinetics in Patients With Analbuminemia: Evidence for the Role of Serum Albumin in Controlling Lipoprotein Metabolism, 1369

Relation of High TG-Low HDL Cholesterol and LDL Cholesterol to the Incidence of Ischemic Heart Disease: An 8-Year Follow-up in the Copenhagen Male Study, 1114

The Apolipoprotein E2 (Arg145Cys) Mutation Causes Autosomal Dominant Type III Hyperlipoproteinemia With Incomplete Penetrance, 865

E**Early lesions**

Immunohistochemical Colocalization of the Terminal Complex of Human Complement and Smooth Muscle Cell α -Actin in Early Atherosclerotic Lesions, 2448

Eccentricity

Compensatory Enlargement in Coronary and Femoral Arteries Is Related to Neither the Extent of Plaque-Free Vessel Wall Nor Lesion Eccentricity: A Postmortem Study, 2617

Egr-1

Egr-1 Is Activated in Endothelial Cells Exposed to Fluid Shear Stress and Interacts With a Novel Shear-Stress-Response Element in the PDGF A-Chain Promoter, 2280

Elderly

Association of Apo E Polymorphism With Plasma Lipid Levels in a Multiethnic Elderly Population, 3534

Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224

Gene Polymorphisms Predicting High Plasma Levels of Coagulation and Fibrinolysis Proteins: A Study in Centenarians, 755

End-stage renal disease

Elevated Fasting Total Plasma Homocysteine Levels and Cardiovascular Disease Outcomes in Maintenance Dialysis Patients: A Prospective Study, 2554

Endocytosis

Evidence for Prolonged Cell-Surface Contact of Acetyl-LDL Before Entry Into Macrophages, 1421

Endonuclease

Oxidized LDLs Induce Massive Apoptosis of Cultured Human Endothelial Cells Through a Calcium-Dependent Pathway: Prevention by Aurintricarboxylic Acid, 331

Endothelial cells

A General Strategy for Isolation of Endothelial Cells From Murine Tissues: Characterization of Two Endothelial Cell Lines From the Murine Lung and Subcutaneous Sponge Implants, 1599

A Role for Tyrosine Phosphorylation in Generation of Inositol Phosphates and Prostacyclin Production in Endothelial Cells, 287

Antifibrinolytic Properties of the Vascular Wall: Dependence on the History of Smooth Muscle Cell Doublings In Vitro and In Vivo, 723

Basic Fibroblast Growth Factor (bFGF) Regulates the Expression of the CC Chemokine Monocyte Chemoattractant Protein-1 (MCP-1) in Autocrine-Activated Endothelial Cells, 2471

Both Intracellular and Extracellular Vitamin C Inhibit Atherogenic Modification of LDL by Human Vascular Endothelial Cells, 1583

cAMP Involvement in the Expression of MMP-2 and MT-MMP1 Metalloproteinases in Human Endothelial Cells, 3185

Differential Effects of Extracellular Mg²⁺ on Thrombin-Induced and Capacitative Ca²⁺ Entry in Human Coronary Arterial Endothelial Cells, 3356

Early Activation Signals in Endothelial Cells, 423

Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells In Vitro, 2897

Endothelial Cells Prevent Accumulation of Lipid Hydroperoxides in Low-Density Lipoprotein, 3469

Evidence for the Migration of Rat Aortic Endothelial Cells Toward the Heart, 2891

Genotype-Specific Transcriptional Regulation of PAI-1 Expression by Hypertriglyceridemic VLDL and Lp(a) in Cultured Human Endothelial Cells, 3215

Heterogeneity of Endothelial Cells: Specific Markers, 1193

Inhibition of Proliferation and Stimulation of Migration of Endothelial Cells by Secretoneurin In Vitro, 932

Involvement of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells, 2177

Loss of Arterial Dilation in the Reendothelialized Area of the Flow-Loaded Rat Common Carotid Artery, 3083

Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575

Protein C Activation and Factor Va Inactivation on Human Umbilical Vein Endothelial Cells, 2765

Reactive Oxygen Species Are Involved in Shear Stress-Induced Intercellular Adhesion Molecule-1 Expression in Endothelial Cells, 3570

The Effect of Oxidizing Cholesterol on Gastrointestinal Absorption, Plasma Clearance, Tissue Distribution, and Processing by Endothelial Cells, 778

Tissue Factor Pathway Inhibitor in Endothelial Cells Colocalizes With Glycolipid Microdomains/Caveolae: Regulatory Mechanism(s) of the Anticoagulant Properties of the Endothelium, 2964

Triggering of β 1-Integrin Chain Induces Platelet Adhesion to Cultured Endothelium, 2663

Endothelins

Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737

Evidence Against an Effect of Endothelin-1 on Blood Coagulation, Fibrinolysis, and Endothelial Cell Integrity in Healthy Men, 2861

Endothelium

Acidic and Basic Fibroblast Growth Factors Suppress Transcriptional Activation of Tissue Factor and Other Inflammatory Genes in Endothelial Cells, 940

Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine, 3557

Androgen Deprivation Is Associated With Enhanced Endothelium-Dependent Dilatation in Adult Men, 2004

Antiatherogenic Effect of Estrogen Abolished by Balloon Catheter Injury in Cholesterol-Clamped Rabbits, 1504

Augmented Adenovirus-Mediated Gene Transfer to Atherosclerotic Vessels, 1786

Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium: A Study of Aortic and Microvascular Endothelial Cell Lines, 454

Consequences of Hyperhomocyst(e)inemia on Vascular Function in Atherosclerotic Monkeys, 2930

Endothelial Permeability for Macromolecules: Mechanistic Aspects of Pathophysiological Modulation, 1018

Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737

Evidence Against an Effect of Endothelin-1 on Blood Coagulation, Fibrinolysis, and Endothelial Cell Integrity in Healthy Men, 2861

Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels, 2479

In Vivo/In Vitro Comparison of Rat Abdominal Aorta Wall Viscosity: Influence of Endothelial Function, 1346

Inhibition of Tissue Factor Gene Activation in Cultured Endothelial Cells by Curcumin: Suppression of Activation of Transcription Factors Egr-1, AP-1, and NF- κ B, 3406

Intracellular Calcium Mobilization Suppresses the TNF- α -Stimulated Synthesis of PAI-1 in Human Endothelial Cells: Indications That Calcium Acts at a Translational Level, 1550

P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes, 310

Remodeling With Neointima Formation in the Mouse Carotid Artery After Cessation of Blood Flow, 2238

Scavenger Receptors are Present on Rabbit Aortic Endothelial Cells In Vivo, 2369

Shear Stress Gradients Remodel Endothelial Monolayers In Vitro via a Cell Proliferation-Migration-Loss Cycle, 3102

The Thrombomodulin/Protein C/Protein S Anticoagulant Pathway Modulates the Thrombogenic Properties of the Normal Resting and Stimulated Endothelium, 520

Vascular Endothelial Growth Factor/Vascular Permeability Factor Produces Nitric Oxide-Dependent Hypotension: Evidence for a Maintenance Role in Quiescent Adult Endothelium, 2793

Endothelium-dependent relaxation

Long-term Probucol Treatment Reverses the Severity of Myocardial Injury in Watanabe Heritable Hyperlipidemic Rabbits, 2801

Endothelium-derived factors

Changes With Age in the Influence of Endogenous Nitric Oxide on Transport Properties of the Rabbit Aortic Wall Near Branches, 1361

Effects of Short-term Exercise on Female Platelet Function During Different Phases of the Menstrual Cycle, 1682

Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels, 2479

Lysophosphatidylcholine Inhibits Receptor-Mediated Ca^{2+} Mobilization in Intact Endothelial Cells of Rabbit Aorta, 1561

Epidemiology

Association of Apo E Polymorphism With Plasma Lipid Levels in a Multiethnic Elderly Population, 3534

Epitope specificity

Epitope Specificity of Anti-Heat Shock Protein 65/60 Serum Antibodies in Atherosclerosis, 536

P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes, 310

17 β -Estradiol

Antiatherogenic Effect of Estrogen Abolished by Balloon Catheter Injury in Cholesterol-Clamped Rabbits, 1504

Effect of 17 β -Estradiol on Plasma Lipids and LDL Oxidation in Postmenopausal Women With Type II Diabetes Mellitus, 324

Estrogen

A Partial Estrogen Receptor Agonist With Strong Antiatherogenic Properties Without Noticeable Effect on Reproductive Tissue in Cholesterol-Fed Female and Male Rabbits, 2264

Effect of 17 β -Estradiol on Metabolism of Acetylated Low-Density Lipoprotein by THP-1 Macrophages in Culture, 1691

Effects of Contraceptive Estrogen and Progestin on the Atherogenic Potential of Plasma LDLs in Cynomolgus Monkeys, 1216

Effects of Estrus Cycle, Ovariectomy, and Treatment with Estrogen, Tamoxifen, and Progesterone on Apolipoprotein(a) Gene Expression in Transgenic Mice, 1741

Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128

Gender Differences in Intima-Media Permeability to Low Density Lipoprotein at Atherosclerosis-Prone Aortic Sites in Rabbits: Lack of Effect of 17 β -Estradiol, 2150

Gender-Specific Differences in the Effects of Testosterone and Estrogen on the Development of Atherosclerosis in Rabbits, 2192

Importance of Estrogen Receptors in Hepatic LDL Receptor Regulation, 1800

Medroxyprogesterone Acetate Antagonizes Inhibitory Effects of Conjugated Equine Estrogens on Coronary Artery Atherosclerosis, 217

Nitric Oxide Mediates LDL Uptake in the Artery Wall in Response to High Concentrations of 17 β -Estradiol, 2123

Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695

Estrogen receptors

Genotype Distribution of Estrogen Receptor Polymorphisms in Men and Postmenopausal Women From Healthy and Coronary Populations and Its Relation to Serum Lipid Levels, 3006

Ethnic variation

Ethnic Variation and In Vivo Effects of the -93t \rightarrow g Promoter Variant in the Lipoprotein Lipase Gene, 2672

European Atherosclerosis Research Study

Hepatic Lipase Gene Polymorphisms Influence Plasma HDL Levels: Results From Finnish EARS Participants, 1879

Exercise

Effects of Short-term Exercise on Female Platelet Function During Different Phases of the Menstrual Cycle, 1682

Extracellular

- Differential Effects of Extracellular Mg²⁺ on Thrombin-Induced and Capacitative Ca²⁺ Entry in Human Coronary Arterial Endothelial Cells, 3356
- Homocysteine as a Risk Factor for Vascular Disease: Enhanced Collagen Production and Accumulation by Smooth Muscle Cells, 2074
- Inhibition of Collagen Synthesis, Smooth Muscle Cell Proliferation, and Injury-Induced Intimal Hyperplasia by Halofuginone, 194
- Involvement of Phosphatidylcholine Hydrolysis by Phospholipase D in Extracellular ATP-Induced Arachidonic Acid Release in Aortic Smooth Muscle Cells, 295
- Role of Tyrosine Kinases in Extracellular Matrix-Mediated Modulation of Arterial Smooth Muscle Cell Phenotype, 1977

F**F₂-isoprostanes**

- In Vivo Formation of 8-Epi-Prostaglandin F_{2α} Is Increased in Hypercholesterolemia, 3230
- Isoprostanes: Potential Markers of Oxidant Stress in Atherosclerotic Disease, 2309

Factor V/Va

- A Common Mutation in the Methylenetetrahydrofolate Reductase Gene (C677T) Increases the Risk for Deep-Vein Thrombosis in Patients With Mutant Factor V (Factor V:Q^{50%}), 1662
- Factor V^{Leiden} and Thrombophilia, 620
- Polymorphisms of Factor V, Factor VII, and Fibrinogen Genes: Relevance to Severity of Coronary Artery Disease, 246
- Protein C Activation and Factor Va Inactivation on Human Umbilical Vein Endothelial Cells, 2765

Factor VII/VIIa

- Contribution of Factor VII Genotype to Activated FVII Levels: Differences in Genotype Frequencies Between Northern and Southern European Populations, 2548
- Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384
- Factor VII Polymorphisms in Populations With Different Risks of Cardiovascular Disease, 1918
- Factor VII, Cholesterol, and Triglycerides: The CARDIA Study, 51
- Gene Polymorphisms Predicting High Plasma Levels of Coagulation and Fibrinolysis Proteins: A Study in Centenarians, 755
- Polymorphisms of Factor V, Factor VII, and Fibrinogen Genes: Relevance to Severity of Coronary Artery Disease, 246
- The Arg³⁵³Gln Polymorphism Reduces the Level of Coagulation Factor VII: In Vivo and in Vitro Studies, 2825

Factor XII

- Risk of Coronary Heart Disease and Activation of Factor XII in Middle-Aged Men, 2103

Familial chylomicronemia

- Therapeutic Response to Medium-Chain Triglycerides and ω-3 Fatty Acids in a Patient With the Familial Chylomicronemia Syndrome, 1400

Familial combined hyperlipidemia

- A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72
- Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287
- Codon 54 Polymorphism of the Human Intestinal Fatty Acid Binding Protein 2 Gene Is Associated With Dyslipidemias But Not With Insulin Resistance in Patients With Familial Combined Hyperlipidemia, 1039
- Efficacy and Safety of a New Hydroxymethylglutaryl-Coenzyme A Reductase Inhibitor, Atorvastatin, in Patients With Combined Hyperlipidemia: Comparison with Fenofibrate, 1793

- Etiologic Heterogeneity of Hyperapobetalipoproteinemia (HyperapoB): Results From Segregation Analysis in Families With Premature Coronary Artery Disease, 2729

- Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375

- No Evidence of Linkage Between Familial Combined Hyperlipidemia and Genes Encoding Lipolytic Enzymes in Finnish Families, 841

- Nonobese Patients With Familial Combined Hyperlipidemia Are Insulin Resistant Compared With Their Nonaffected Relatives, 1465

Familial defective apoB

- Comparison of the Genetic Defect with LDL-Receptor Activity in Cultured Cells from Patients With a Clinical Diagnosis of Heterozygous Familial Hypercholesterolemia, 3092

- Differences in the Phenotype Between Children With Familial Defective Apolipoprotein B-100 and Familial Hypercholesterolemia, 826

- Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741

Familial hypercholesterolemia

- Atorvastatin: An Effective Lipid-Modifying Agent in Familial Hypercholesterolemia, 1527

- Differences in the Phenotype Between Children With Familial Defective Apolipoprotein B-100 and Familial Hypercholesterolemia, 826

- Familial Moderate Hypercholesterolemia Caused by Asp235→Glu Mutation of the LDL Receptor Gene and Co-occurrence of a De Novo Deletion of the LDL Receptor Gene in the Same Family, 1392

- Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741

Family history

- Bcl I* Polymorphism in the Fibrinogen β-Chain Gene Is Associated With the Risk of Familial Myocardial Infarction by Increasing Plasma Fibrinogen Levels: A Case-Control Study in a Sample of GISSI-2 Patients, 3489

Fasting

- Importance of Estrogen Receptors in Hepatic LDL Receptor Regulation, 1800

Fatty acid binding protein

- Codon 54 Polymorphism of the Human Intestinal Fatty Acid Binding Protein 2 Gene Is Associated With Dyslipidemias But Not With Insulin Resistance in Patients With Familial Combined Hyperlipidemia, 1039

- Common Genomic Variants Associated With Variation in Plasma Lipoproteins in Young Aboriginal Canadians, 1060

Fatty acids

- Association of the Fatty Acid Composition of Serum Phospholipids With Hemostatic Factors, 809

- CLA-1 Is an 85-kD Plasma Membrane Glycoprotein That Acts as a High-Affinity Receptor for Both Native (HDL, LDL, and VLDL) and Modified (OxLDL and AcLDL) Lipoproteins, 2341

- Differences in Insulin Suppression of Free Fatty Acid Levels by Gender and Glucose Tolerance Status: Relation to Plasma Triglyceride and Apolipoprotein B Concentrations, 64

- Fibrinolytic Function After Dietary Supplementation With ω3 Polyunsaturated Fatty Acids, 814

- Peroxidation of LDL From Combined-Hyperlipidemic Male Smokers Supplied With ω-3 Fatty Acids and Antioxidants, 2576

- Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657

- Relation of Plaque Lipid Composition and Morphology to the Stability of Human Aortic Plaques, 1337

- Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

- Tetradecylthioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation in Vitro, 3255
- Therapeutic Response to Medium-Chain Triglycerides and ω -3 Fatty Acids in a Patient With the Familial Chylomicronemia Syndrome, 1400
- Fatty streak formation**
- 17 β -Estradiol Prevents Fatty Streak Formation in Apolipoprotein E-Deficient Mice, 2679
- Fc receptors**
- Evidence That Human Fc γ Receptor IIA (CD32) Subtypes Are Not Receptors for Oxidized LDL, 3248
- Females**
- Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403
- Femoral arteries**
- Compensatory Enlargement in Coronary and Femoral Arteries Is Related to Neither the Extent of Plaque-Free Vessel Wall Nor Lesion Eccentricity: A Postmortem Study, 2617
 - Effect of Atherosclerosis on Transmural Convection and Arterial Ultrastructure Implications for Local Intravascular Drug Delivery, 3365
- Fgr**
- Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278
- Fibrates**
- Efficacy and Safety of a New Hydroxymethylglutaryl-Coenzyme A Reductase Inhibitor, Atorvastatin, in Patients with Combined Hyperlipidemia: Comparison with Fenofibrate, 1793
 - Studies on the Mechanism of Fibrate-Inhibited Expression of Plasminogen Activator Inhibitor-1 in Cultured Hepatocytes From Cynomolgus Monkey, 26
- Fibrin degradation products**
- D-Dimer and Anticoagulation in Patients With Mechanical Prosthetic Heart Valves: A 2-Year Follow-up, 1320
 - Hemostatic Factors as Predictors of Ischemic Heart Disease and Stroke in the Edinburgh Artery Study, 3321
 - The Relationship of Soluble Fibrin and Cross-linked Fibrin Degradation Products to the Clinical Course of Myocardial Infarction, 628
- Fibrinogen**
- α IIb β 3 Redistribution Triggered by Receptor Cross-Linking, 3311
 - Bcl* I Polymorphism in the Fibrinogen β -Chain Gene Is Associated With the Risk of Familial Myocardial Infarction by Increasing Plasma Fibrinogen Levels: A Case-Control Study in a Sample of GISSI-2 Patients, 3489
 - Cytomegalovirus Infection, Lipoprotein(a), and Hypercoagulability: An Atherogenic Link? 1780
 - Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384
 - Fibrinogen and Its Relations to Subclinical Extracoronary and Coronary Atherosclerosis in Hypercholesterolemic Men, 45
 - Fibrin(ogen) and von Willebrand Factor Deposition Are Associated With Intimal Thickening After Balloon Angioplasty of the Rabbit Carotid Artery, 634
 - Gender-Specific Associations of the Fibrinogen B β 448 Polymorphism, Fibrinogen Levels, and Acute Cerebrovascular Disease, 589
 - Gene Polymorphisms Predicting High Plasma Levels of Coagulation and Fibrinolysis Proteins: A Study in Centenarians, 755
 - Influence of *n*-6 versus *n*-3 Polyunsaturated Fatty Acids in Diets Low in Saturated Fatty Acids on Plasma Lipoproteins and Hemostatic Factors, 3449
 - Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802
 - Polymorphisms of Factor V, Factor VII, and Fibrinogen Genes: Relevance to Severity of Coronary Artery Disease, 246
 - The Apolipoprotein E and β -Fibrinogen G/A-455 Gene Polymorphisms Are Associated With Ischemic Stroke Involving Large-Vessel Disease, 2880
- Fibrinogen gene polymorphisms**
- Gender-Specific Associations of the Fibrinogen B β 448 Polymorphism, Fibrinogen Levels, and Acute Cerebrovascular Disease, 589
- Fibrinolysis**
- Complement C5b-9 Increases Plasminogen Binding and Activation on Human Endothelial Cells, 164
 - Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384
 - Evidence Against an Effect of Endothelin-1 on Blood Coagulation, Fibrinolysis, and Endothelial Cell Integrity in Healthy Men, 2861
 - Fibrinolytic Function After Dietary Supplementation With ω 3 Polyunsaturated Fatty Acids, 814
 - Genotype-Specific Transcriptional Regulation of PAI-1 Expression by Hypertriglyceridemic VLDL and Lp(a) in Cultured Human Endothelial Cells, 3215
 - Lifetime Smoking Exposure Affects the Association of C-Reactive Protein With Cardiovascular Disease Risk Factors and Subclinical Disease in Healthy Elderly Subjects, 2167
- Fibroblast growth factor**
- Acidic and Basic Fibroblast Growth Factors Suppress Transcriptional Activation of Tissue Factor and Other Inflammatory Genes in Endothelial Cells, 940
 - Adenovirus-Mediated Expression of the Secreted Form of Basic Fibroblast Growth Factor (FGF-2) Induces Cellular Proliferation and Angiogenesis In Vivo, 2453
 - Basic Fibroblast Growth Factor (bFGF) Regulates the Expression of the CC Chemokine Monocyte Chemoattractant Protein-1 (MCP-1) in Autocrine-Activated Endothelial Cells, 2471
 - Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium: A Study of Aortic and Microvascular Endothelial Cell Lines, 454
 - Coordinated Effects of Fibroblast Growth Factor-2 on Expression of Fibrillar Collagens, Matrix Metalloproteinases, and Tissue Inhibitors of Matrix Metalloproteinases by Human Vascular Smooth Muscle Cells: Evidence for Repressed Collagen Production and Act, 475
 - Inhibition of Collagen Synthesis, Smooth Muscle Cell Proliferation, and Injury-Induced Intimal Hyperplasia by Halofuginone, 194
 - Inhibitory Effects of Hypercholesterolemia and Ox-LDL on Angiogenesis-like Endothelial Growth in Rabbit Aortic Explants: Essential Role of Basic Fibroblast Growth Factor, 1303
 - Oxidized LDL Mediates the Release of Fibroblast Growth Factor-1, 445
- Fibroblasts**
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- Fibronectin**
- Synthesis and Secretion of von Willebrand Factor and Fibronectin in Megakaryocytes at Different Phases of Maturation, 797
- Fibrosis**
- Connective Tissue Growth Factor: Friend or Foe? 1483
 - The Unstable Atheroma, 1859
 - Water Diffusion Properties of Human Atherosclerosis and Thrombosis Measured by Pulse Field Gradient Nuclear Magnetic Resonance, 542
- Fish and fish oils**
- Interactions Between Dietary Fat, Fish, and Fish Oils and Their Effects on Platelet Function in Men at Risk of Cardiovascular Disease, 279
- Flavonoids**
- Genistein, the Dietary-Derived Angiogenesis Inhibitor, Prevents LDL Oxidation and Protects Endothelial Cells From Damage by Atherogenic LDL, 2868
 - Soy Isoflavones Improve Systemic Arterial Compliance but Not Plasma Lipids in Menopausal and Perimenopausal Women, 3392

Flaxseed oil

Arterial Compliance in Obese Subjects Is Improved With Dietary Plant n-3 Fatty Acid From Flaxseed Oil Despite Increased LDL Oxidizability, 1163

Flow cytometry

Altered Platelet Function Detected by Flow Cytometry: Effects of Coronary Artery Disease and Age, 2044

Platelet Activation in Flowing Blood Passing Growing Arterial Thrombi, 1331

Shear-Induced Platelet Activation and Platelet Microparticle Formation at Blood Flow Conditions as in Arteries With a Severe Stenosis, 646

Fluid

Egr-1 Is Activated in Endothelial Cells Exposed to Fluid Shear Stress and Interacts With a Novel Shear-Stress-Response Element in the PDGF A-Chain Promoter, 2280

Structural and Functional Comparison of HDL From Homologous Human Plasma and Follicular Fluid: A Model for Extravascular Fluid, 1605

Foam cells

Downregulation of the Selectin Ligand-Producing Fucosyltransferases Fuc-TIV and Fuc-TVII During Foam Cell Formation in Monocyte-Derived Macrophages, 1591

Effect of 17 β -Estradiol on Metabolism of Acetylated Low-Density Lipoprotein by THP-1 Macrophages in Culture, 1691

Evidence for Hormone-Sensitive Lipase mRNA Expression in Human Monocyte/Macrophages, 3428

Macrophages Isolated From Human Atherosclerotic Plaques Produce IL-8, and Oxysterols May Have a Regulatory Function for IL-8 Production, 317

Role of Activin-A and Follistatin in Foam Cell Formation of THP-1 Macrophages, 2389

Uptake by J774 Macrophages of Very-Low-Density Lipoproteins Isolated from ApoE-Deficient Mice Is Mediated by a Distinct Receptor and Stimulated by Lipoprotein Lipase, 498

Uptake of Type III Hypertriglyceridemic VLDL by Macrophages Is Enhanced by Oxidation, Especially After Removal Formation, 1707

Folate

Consequences of Hyperhomocyst(e)rinemia on Vascular Function in Atherosclerotic Monkeys, 2930

Correlation of a Common Mutation in the Methylenetetrahydrofolate Reductase Gene With Plasma Homocysteine in Patients With Premature Coronary Artery Disease, 569

Excess Prevalence of Fasting and Postmethionine-Loading Hyperhomocysteinemia in Stable Renal Transplant Recipients, 1894

Folic Acid Deficiency Enhances Oral Contraceptive-Induced Platelet Hyperactivity, 1939

Follistatin

Role of Activin-A and Follistatin in Foam Cell Formation of THP-1 Macrophages, 2389

Forskolin

Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherogenesis, 954

Fractional catabolic rate

Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910

Free fatty acids

Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287

Suppression of Lipid Transfer Inhibitor Protein Activity by Oleate: A Novel Mechanism of Cholesterol Ester Transfer Protein Regulation by Plasma Free Fatty Acids, 3041

Free radicals

Effect of Iron Overload and Iron Deficiency on Atherosclerosis in the Hypercholesterolemic Rabbit, 2638

Fyn

Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278

G**G proteins**

Involvement of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells, 2177

Two Intracellular Signaling Pathways for Activation of Protein Kinase C Are Involved in Oxidized Low-Density Lipoprotein-Induced Macrophage Growth, 3013

 β -Galactosidase

Augmented Adenovirus-Mediated Gene Transfer to Atherosclerotic Vessels, 1786

Gap junctions

Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery, 3174

Gemfibrozil

Upregulation of Low Density Lipoprotein Receptor by Gemfibrozil, a Hypolipidemic Agent, in Human Hepatoma Cells Through Stabilization of mRNA Transcripts, 2707

Gender

Differences in Insulin Suppression of Free Fatty Acid Levels by Gender and Glucose Tolerance Status: Relation to Plasma Triglyceride and Apolipoprotein B Concentrations, 64

Gender-Specific Associations of the Fibrinogen B β 448 Polymorphism, Fibrinogen Levels, and Acute Cerebrovascular Disease, 589

Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

Gene cloning

Connective Tissue Growth Factor: Friend or Foe? 1483

Gene expression and regulation

Apolipoprotein A-I $_{Fin}$: Dominantly Inherited Hypoalphalipoproteinemia Due to a Single Base Substitution in the Apolipoprotein A-I Gene, 83

Connective Tissue Growth Factor: Friend or Foe? 1483

Early Activation Signals in Endothelial Cells, 423

Effects of Estrus Cycle, Ovariectomy, and Treatment with Estrogen, Tamoxifen, and Progesterone on Apolipoprotein(a)

Gene Expression in Transgenic Mice, 1741

Large Versus Small Unilamellar Vesicles Mediate Reverse Cholesterol Transport In Vivo Into Two Distinct Hepatic Metabolic Pools: Implications for the Treatment of Atherosclerosis, 2132

Regulation of Lipoprotein Metabolism by Thiazolidinediones Occurs through a Distinct but Complementary Mechanism Relative to Fibrates, 1756

Regulation of the Tissue Factor Gene in Human Monocytic Cells: Role of AP-1, NF- κ B/Rel, and Sp1 Proteins in Uninduced and Lipopolysaccharide-Induced Expression, 365

Syndecan-4 Is a Primary-Response Gene Induced by Basic Fibroblast Growth Factor and Arterial Injury in Vascular Smooth Muscle Cells, 172

Gene knockout

Atherosclerosis, Vascular Remodeling, and Impairment of Endothelium-Dependent Relaxation in Genetically Altered Hyperlipidemic Mice, 2333

Gene polymorphisms

Gene Polymorphisms Predicting High Plasma Levels of Coagulation and Fibrinolysis Proteins: A Study in Centenarians, 755

Urbanization Elicits a More Atherogenic Lipoprotein Profile in Carriers of the Apolipoprotein A-IV-2 Allele Than in A-IV-1 Homozygotes, 1074

Gene promoter

Common Genomic Variation in the *APOC3* Promoter Associated With Variation in Plasma Lipoproteins, 2753

Gene therapy

- Adenovirus-Mediated Expression of the Secreted Form of Basic Fibroblast Growth Factor (FGF-2) Induces Cellular Proliferation and Angiogenesis In Vivo, 2453
 Angiotensin-Converting Enzyme Gene and Atherosclerosis, 1245
 Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipase-Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase, 2532
 Effective Lowering of Plasma, LDL, and Esterified Cholesterol in LDL Receptor-Knockout Mice by Adenovirus-Mediated Gene Delivery of ApoB mRNA Editing Enzyme (Apo-be1), 889

Gene transfer

- Augmented Adenovirus-Mediated Gene Transfer to Atherosclerotic Vessels, 1786
 Bone Marrow Transplantation in Apolipoprotein E-Deficient Mice: Effect of ApoE Gene Dosage on Serum Lipid Concentrations, (β)VLDL Catabolism, and Atherosclerosis, 3117
 Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995
 Expression and Function of Recombinant Endothelial NO Synthase in Coronary Artery Smooth Muscle Cells, 2405
 Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice, 340

Genealogy

- Familial Hypercholesterolemia in the Finnish North Karelia: A Molecular, Clinical, and Genealogical Study, 3127

Genes

- Interaction of Diet and Genes in Atherogenesis Report of an NHLBI Working Group, 3326

Genetics

- A ¹⁹²Arg Variant of the Human Paraoxonase (*HUMPTONA*) Gene Polymorphism Is Associated With an Increased Risk for Coronary Artery Disease in the Japanese, 3565
 A Novel Mosaic Protein Containing LDL Receptor Elements Is Highly Conserved in Humans and Chickens, 996
 Alu-repeat Polymorphism in the Gene Coding for Tissue-Type Plasminogen Activator (t-PA) and Risks of Myocardial Infarction Among Middle-aged Men, 1687
 Association of Apo E Polymorphism With Plasma Lipid Levels in a Multiethnic Elderly Population, 3534
 Correlation of a Common Mutation in the Methylenetetrahydrofolate Reductase Gene With Plasma Homocysteine in Patients With Premature Coronary Artery Disease, 569
 Effect of 347-Serine Mutation in Apoprotein A-IV on Plasma LDL Cholesterol Response to Dietary Fat, 1532
 Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067

- Genotype Distribution of Estrogen Receptor Polymorphisms in Men and Postmenopausal Women From Healthy and Coronary Populations and Its Relation to Serum Lipid Levels, 3006

- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherosclerosis, 1725

- Heritability Analysis of Lipids and Three Gene Loci in Twins Link the Macrophage Scavenger Receptor to HDL Cholesterol Concentrations, 2054

- Homozygous Familial Defective Apolipoprotein B-100: Enhanced Removal of Apolipoprotein E-Containing VLDLs and Decreased Production of LDLs, 348

- Lipoprotein(a) Interactions With Lipid and Nonlipid Risk Factors in Early Familial Coronary Artery Disease, 2783
 Moderate Genetic Influences on Plasma Levels of Plasminogen Activator Inhibitor-1 and Evidence of Genetic and Environmental Influences Shared by Plasminogen Activator Inhibitor-1, Triglycerides, and Body Mass Index, 2776

- No Evidence of Linkage Between Familial Combined Hyperlipidemia and Genes Encoding Lipolytic Enzymes in Finnish Families, 841

- Polymorphisms of the Genes Encoding Apoproteins A-I, B-C-III, and E and LDL Receptor, and Cholesterol and LDL

Metabolism During Increased Cholesterol Intake: Common Alleles of the Apoprotein E Gene Show the Greatest Regulatory Impact, 38

Segregation Analysis of Plasma Apolipoprotein B Levels in Familial Combined Hyperlipidemia, 834

Skipping of Exon 14 and Possible Instability of Both the mRNA and the Resultant Truncated Protein Underlie a Common Cholestryler Ester Transfer Protein Deficiency in Japan, 1376

The Apolipoprotein E and β -Fibrinogen G/A-455 Gene Polymorphisms Are Associated With Ischemic Stroke Involving Large-Vessel Disease, 2880

The II Genotype of the Angiotensin-Converting Enzyme Gene Delays the Onset of Acute Coronary Syndromes, 1730

Genistein

- Genistein, the Dietary-Derived Angiogenesis Inhibitor, Prevents LDL Oxidation and Protects Endothelial Cells From Damage by Atherogenic LDL, 2868
 Soy Isoflavones Improve Systemic Arterial Compliance but Not Plasma Lipids in Menopausal and Perimenopausal Women, 3392

Genomes

- Interaction Between BTBR and C57BL/6J Genomes Produces an Insulin Resistance Syndrome in (BTBR \times C57BL/6J) F₁ Mice, 3286

Genotypes

- Plasminogen Activator Inhibitor-1 (PAI-1) Antigen Plasma Levels in Subjects Attending a Metabolic Ward: Relation to Polymorphisms of PAI-1 and Angiotensin Converting Enzyme (ACE) Genes, 2082

- Plasminogen Activator Inhibitor-1 Promoter 4G/5G Genotype and Plasma Levels in Relation to a History of Myocardial Infarction in Patients Characterized by Coronary Angiography, 33

Glucocorticoids

- Glucocorticoids Stimulate Cholestryler Ester Formation in Human Smooth Muscle Cells, 1143

Glucose

- High Concentration of Glucose Increases Mitogenic Responsiveness to Heparin-Binding Epidermal Growth Factor-like Growth Factor in Rat Vascular Smooth Muscle Cells, 1962

Glucose clamp technique

- Defects of Insulin Action on Fatty Acid and Carbohydrate Metabolism in Familial Combined Hyperlipidemia, 748
 Metabolic Basis of Hypotriglyceridemic Effects of Insulin in Normal Men, 1454

Glucosylation

- In Vivo Glucosylated LpA-I Subfraction: Evidence for Structural and Functional Alterations, 2830

Glycation

- Effect of Advanced Glycation End Product-Modified Albumin on Tissue Factor Expression by Monocytes: Role of Oxidant Stress and Protein Tyrosine Kinase Activation, 2885

Glyceraldehyde-3-phosphate dehydrogenase

- Inhibition of Platelet-Derived Growth Factor BB-Induced Expression of Glyceraldehyde-3-Phosphate Dehydrogenase by Sodium Butyrate in Rat Vascular Smooth Muscle Cells, 3420

 β -Glycerophosphate

- Parathyroid Hormone-Related Peptide as a Local Regulator of Vascular Calcification: Its Inhibitory Action on In Vitro Calcification by Bovine Vascular Smooth Muscle Cells, 1135

Glycolipids

- Tissue Factor Pathway Inhibitor in Endothelial Cells Colocalizes With Glycolipid Microdomains/Caveolae: Regulatory Mechanism(s) of the Anticoagulant Properties of the Endothelium, 2964

Glycoproteins

- Continued Thromboxane A₂ Formation Despite Administration of a Platelet Glycoprotein IIb/IIIa Antagonist in Patients Undergoing Coronary Angioplasty, 3224

- Relative Involvement of GPIb/IX-vWF Axis and GPIb/IIIa in Thrombus Growth at High Shear Rates in the Guinea Pig, 919

- Signal Transduction Through Trimeric G Proteins in Megakaryoblastic Cell Lines, 1830
- Gradient gel electrophoresis**
- Genetic Relationship Between Measures of HDL Phenotypes and Insulin Concentrations, 3414
- Variability of Plasma HDL Subclass Concentrations in Men and Women Over Time, 702
- α -Granule**
- Evidence for an α -Granular Pool of the Cytoskeletal Protein α -Actinin in Human Platelets That Redistributions With the Adhesive Glycoprotein Thrombospondin-1 During the Exocytic Process, 2293
- Granulocyte-macrophage colony-stimulating factor**
- Smooth Muscle Cells Express Granulocyte-Macrophage Colony-Stimulating Factor in the Undiseased and Atherosclerotic Human Coronary Artery, 2489
- Growth hormone**
- Importance of Estrogen Receptors in Hepatic LDL Receptor Regulation, 1800
- H**
- Haplotyping**
- Heterogeneity at the CETP Gene Locus: Influence on Plasma CETP Concentrations and HDL Cholesterol Levels, 560
- HB-EGF**
- High Concentration of Glucose Increases Mitogenic Responsiveness to Heparin-Binding Epidermal Growth Factor-like Growth Factor in Rat Vascular Smooth Muscle Cells, 1962
- HDL**
- Deficiency of Cholesteryl Ester Transfer Protein: Description of the Molecular Defect and the Dissociation of Cholesteryl Ester and Triglyceride Transport in Plasma, 3433
- Genetic Relationship Between Measures of HDL Phenotypes and Insulin Concentrations, 3414
- HDL-Induced Prostacyclin Release in Smooth Muscle Cells Is Dependent on Cyclooxygenase-2 (Cox-2), 3481
- HDL-binding protein**
- High-Density Lipoprotein-Binding Protein (HBP)/Vigilin Is Expressed in Human Atherosclerotic Lesions and Colocalizes With Apolipoprotein E, 2350
- HDL cholesterol**
- Antithrombotic Effects of a Novel Lipoprotein Lipase-Enhancing Agent in Cholesterol-Fed New Zealand White Rabbits, 2601
- Apolipoprotein A-I_{FIN} (Leu159→Arg) Mutation Affects Lecithin: Cholesterol Acyltransferase Activation and Subclass Distribution of HDL but Not Cholesterol Efflux From Fibroblasts, 3021
- Apolipoprotein A-I_{FIN}: Dominantly Inherited Hypoalphalipoproteinemia Due to a Single Base Substitution in the Apolipoprotein A-I Gene, 83
- Cholesterol-Mediated Changes of Neutral Cholesterol Esterase Activity in Macrophages: Mechanism for Mobilization of Cholesterol Ester in Lipid Droplets by HDL, 3033
- Chronic *Chlamydia pneumoniae* Infection Is Associated With a Serum Lipid Profile Known to Be a Risk Factor for Atherosclerosis, 2910
- Decreased Reverse Cholesterol Transport from Tangier Disease Fibroblasts: Acceptor Specificity and Effect of Brefeldin on Lipid Efflux, 1813
- Genetic Cholesteryl Ester Transfer Protein Deficiency Is Extremely Frequent in the Omagari Area of Japan: Marked Hyperalphalipoproteinemia Caused by CETP Gene Mutation Is Not Associated With Longevity, 1053
- Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067
- HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158
- HDL Phospholipid Content and Composition as a Major Factor Determining Cholesterol Efflux Capacity From Fu5AH Cells to Human Serum, 2685
- Hepatic Lipase Gene Polymorphisms Influence Plasma HDL Levels: Results From Finnish EARS Participants, 1879
- Heritability Analysis of Lipids and Three Gene Loci in Twins Link the Macrophage Scavenger Receptor to HDL Cholesterol Concentrations, 2054
- Heterogeneity at the CETP Gene Locus: Influence on Plasma CETP Concentrations and HDL Cholesterol Levels, 560
- High Density Lipoproteins Stimulate Mitogen-Activated Protein Kinases in Human Skin Fibroblasts, 1667
- Increased Immunolocalization of Paraoxonase, Clusterin, and Apolipoprotein A-I in the Human Artery Wall With the Progression of Atherosclerosis, 1233
- Isolated Low HDL Cholesterol As a Risk Factor for Coronary Heart Disease Mortality: A 21-Year Follow-up of 8000 Men, 107
- Large Versus Small Unilamellar Vesicles Mediate Reverse Cholesterol Transport In Vivo Into Two Distinct Hepatic Metabolic Pools: Implications for the Treatment of Atherosclerosis, 2132
- Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375
- Modified LDL Decreases the Binding of Prostaglandin E₂, I₂, and E₁ Onto Monocytes in Patients With Peripheral Vascular Disease, 2066
- Phosphoproteins Regulated by the Interaction of High-Density Lipoprotein With Human Skin Fibroblasts, 2698
- Relation of High TG-Low HDL Cholesterol and LDL Cholesterol to the Incidence of Ischemic Heart Disease: An 8-Year Follow-up in the Copenhagen Male Study, 1114
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- Ser_{447stop} Mutation in Lipoprotein Lipase Is Associated With Elevated HDL Cholesterol Levels in Normolipidemic Males, 595
- Skipping of Exon 14 and Possible Instability of Both the mRNA and the Resultant Truncated Protein Underlie a Common Cholesteryl Ester Transfer Protein Deficiency in Japanese, 1376
- Subjects With ApoA-I(Lys₁₀₇→0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- Two Alleles of the Human Paraoxonase Gene Produce Different Amounts of mRNA: An Explanation for Differences in Serum Concentrations of Paraoxonase Associated With the (Leu-Met54) Polymorphism, 2935
- HDL subfractions**
- Associations of HDL₂ and HDL₃ Subfractions With Ischemic Heart Disease in Men: Prospective Results From the Québec Cardiovascular Study, 1098
- Effects of Genotype and Diet on Cholesterol Efflux into Plasma and Lipoproteins of Normal, Apolipoprotein A-I-, and Apolipoprotein E-Deficient Mice, 2010
- Glucocorticoids Stimulate Cholesteryl Ester Formation in Human Smooth Muscle Cells, 1143
- Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Plasma Kinetics of Cholesteryl Ester Transfer Protein in the Rabbit: Effects of Dietary Cholesterol, 203
- Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786
- Remodeling and Shutting: Mechanisms for the Synergistic Effects Between Different Acceptor Particles in the Mobilization of Cellular Cholesterol, 383
- Shared and Unique Genetic Effects Among Seven HDL Phenotypes, 859
- Structural and Functional Comparison of HDL From Homologous Human Plasma and Follicular Fluid: A Model for Extravascular Fluid, 1605
- Variability of Plasma HDL Subclass Concentrations in Men and Women Over Time, 702

Healthy subjects

- Five Frequent Polymorphisms of the PAI-1 Gene: Lack of Association Between Genotypes, PAI Activity, and Triglyceride Levels in a Healthy Population, 851
 Seasonal Variations of Rheological and Hemostatic Parameters and Acute-Phase Reactants in Young, Healthy Subjects, 2692

Heart

- Extent and Composition of Coronary Lesions and Degree of Cardiac Hypertrophy in Relation to Abdominal Fatness in Men Under 40 Years of Age, 574
 Nitric Oxide Synthases and Cardiac Muscle: Autocrine and Paracrine Influences, 1846

Heat shock protein

- Epitope Specificity of Anti-Heat Shock Protein 65/60 Serum Antibodies in Atherosclerosis, 536

Hemorrhage

- D-Dimer and Anticoagulation in Patients With Mechanical Prosthetic Heart Valves: A 2-Year Follow-up, 1320

Hemostasis

- Association of the Fatty Acid Composition of Serum Phospholipids With Hemostatic Factors, 809
 Cytomegalovirus Infection, Lipoprotein(a), and Hypercoagulability: An Atherogenic Link? 1780
 Effects of Oral and Transdermal Estrogen/Progesterone Regimens on Blood Coagulation and Fibrinolysis in Postmenopausal Women: A Randomized Controlled Trial, 3071
 Plasma Levels of Nitrite/Nitrate and Platelet cGMP Levels Are Decreased in Patients With Atrial Fibrillation, 3191
 Role of Hemostatic Risk Factors for Restenosis in Peripheral Arterial Occlusive Disease After Transluminal Angioplasty, 3208
 Seasonal Variations of Rheological and Hemostatic Parameters and Acute-Phase Reactants in Young, Healthy Subjects, 2692

Heparan sulfate

- High Concentration of Glucose Increases Mitogenic Responsiveness to Heparin-Binding Epidermal Growth Factor-like Growth Factor in Rat Vascular Smooth Muscle Cells, 1962
 Thrombin Stimulates Syndecan-1 Promotor Activity and Expression of a Form of Syndecan-1 That Binds Antithrombin III in Vascular Smooth Muscle Cells, 2609

Heparin

- Induction of the Acute-Phase Reaction Increases Heparin-Binding Proteins in Plasma, 1568
 Lipoprotein Lipase Can Function as a Monocyte Adhesion Protein, 1414
 Native Macromolecular Heparin Proteoglycans Exocytosed From Stimulated Rat Serosal Mast Cells Strongly Inhibit Platelet-Collagen Interactions, 3578
 Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649
 Structural Aspects of Heparin Responsible for Interactions With von Willebrand Factor, 925

Hepatic artery

- Induction and Role of NO Synthase in Hypotensive Hepatic Failure, 3079

Hepatic factors and cells

- Distal Apolipoprotein C-III Regulatory Elements F to J Act as a General Modular Enhancer for Proximal Promoters That Contain Hormone Response Elements: Synergism Between Hepatic Nuclear Factor-4 Molecules Bound to the Proximal Promoter and Distal Enhancer Sites, 222

- Human Leukemia Inhibitory Factor Upregulates LDL Receptors on Liver Cells and Decreases Serum Cholesterol in the Cholesterolemia-Fed Rabbit, 1267

- Studies on the Mechanism of Fibrate-Inhibited Expression of Plasminogen Activator Inhibitor-1 in Cultured Hepatocytes From Cynomolgus Monkey, 26

Hepatic failure

- Induction and Role of NO Synthase in Hypotensive Hepatic Failure, 3079

Hepatic HDL uptake

- Niacin Decreases Removal of High-Density Lipoprotein Apolipoprotein A-I but Not Cholesterol Ester by Hep G2 Cells: Implication for Reverse Cholesterol Transport, 2020

Hepatic lipase

- Common C-to-T Substitution at Position -480 of the Hepatic Lipase Promoter Associated With a Lowered Lipase Activity in Coronary Artery Disease Patients, 2837

- Hepatic Lipase Gene Polymorphisms Influence Plasma HDL Levels: Results From Finnish EARS Participants, 1879
 Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542

HepG2 cells

- Conformational Changes in Apolipoprotein B Modulate Intracellular Assembly and Degradation of apoB-Containing Lipoprotein Particles in HepG2 Cells, 2982
 Demonstration of Biphasic Effects of Docosahexaenoic Acid on Apolipoprotein B Secretion in HepG2 Cells, 3347

Hemorrhage

- Moderate Genetic Influences on Plasma Levels of Plasminogen Activator Inhibitor-1 and Evidence of Genetic and Environmental Influences Shared by Plasminogen Activator Inhibitor-1, Triglycerides, and Body Mass Index, 2776

HMG-CoA reductase inhibitors

- Atorvastatin: An Effective Lipid-Modifying Agent in Familial Hypercholesterolemia, 1527
 Efficacy and Safety of a New Hydroxymethylglutaryl-Coenzyme A Reductase Inhibitor, Atorvastatin, in Patients With Combined Hyperlipidemia: Comparison with Fenofibrate, 1793
 Inhibition of HMG-CoA Reductase by Atorvastatin Decreases Both VLDL and LDL Apolipoprotein B Production in Miniature Pigs, 2589
 Statins Inhibit Tissue Factor in Cultured Human Macrophages: A Novel Mechanism of Protection Against Atherosclerosis, 265

Homocyst(e)ine

- A Common Mutation in the Methylenetetrahydrofolate Reductase Gene (C677T) Increases the Risk for Deep-Vein Thrombosis in Patients With Mutant Factor V (Factor V:Q⁵⁰⁶), 1662

- Consequences of Hyperhomocyst(e)inemia on Vascular Function in Atherosclerotic Monkeys, 2930

- Correlation of a Common Mutation in the Methylenetetrahydrofolate Reductase Gene With Plasma Homocysteine in Patients With Premature Coronary Artery Disease, 569

- Excess Prevalence of Fasting and Postmethionine-Loading Hyperhomocysteinemias in Stable Renal Transplant Recipients, 1894

- Folic Acid Deficiency Enhances Oral Contraceptive-Induced Platelet Hyperactivity, 1939

- Homocyst(e)ine and Risk of Cardiovascular Disease in the Multiple Risk Factor Intervention Trial, 1947

- Homocysteine as a Risk Factor for Vascular Disease: Enhanced Collagen Production and Accumulation by Smooth Muscle Cells, 2074

- The Effects of Folic Acid Supplementation on Plasma Total Homocysteine Are Modulated by Multivitamin Use and Methylenetetrahydrofolate Reductase Genotypes, 1157

Hopelessness

- Hopelessness and 4-Year Progression of Carotid Atherosclerosis: The Kuopio Ischemic Heart Disease Risk Factor Study, 1490

Hormones

- Defects of Insulin Action on Fatty Acid and Carbohydrate Metabolism in Familial Combined Hyperlipidemia, 748

- Effects of Oral and Transdermal Estrogen/Progesterone Regimens on Blood Coagulation and Fibrinolysis in Postmenopausal Women: A Randomized Controlled Trial, 3071

- Hormonal Regulation of Lipoprotein(a) Levels: Effects of Estrogen Replacement Therapy on Lipoprotein(a) and Acute Phase Reactants in Postmenopausal Women, 1822

Humans

- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954

- Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries *in Vivo*: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061
- Intravascular Magnetic Resonance Imaging of Aortic Atherosclerotic Plaque Composition, 3626
- Peroxidation of LDL From Combined-Hyperlipidemic Male Smokers Supplied With ω -3 Fatty Acids and Antioxidants, 2576
- Regulation of Tumor Necrosis Factor- α and Interleukin-1 β Induced Adhesion Molecule Expression in Human Vascular Smooth Muscle Cells by cAMP, 2568
- Short-term Exposure to Thapsigargin Inhibits Neointima Formation in Human Saphenous Vein, 2500
- Smooth Muscle Cells Express Granulocyte-Macrophage Colony-Stimulating Factor in the Undiseased and Atherosclerotic Human Coronary Artery, 2489
- Thrombospondin-1 Is a Potent Mitogen and Chemoattractant for Human Vascular Smooth Muscle Cells, 2107
- Hyaline substance**
- Cardiovascular Risk Factors and Hyalinization of Renal Arterioles at Autopsy: The Honolulu Heart Program, 760
- Hydraulic conductance**
- Effect of Atherosclerosis on Transmural Convection and Arterial Ultrastructure: Implications for Local Intravascular Drug Delivery, 3365
- Hydrogenated fat**
- Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657
- Hydroxy fatty acids**
- Prostaglandin F₂-Like Compounds, F₂-Isoprostanes, Are Present in Increased Amounts in Human Atherosclerotic Lesions, 3236
- 25-Hydroxycholesterol**
- Effect of Coffee Lipids (Cafestol and Kahweol) on Regulation of Cholesterol Metabolism in HepG2 Cells, 2140
- Hyperalphalipoproteinemia**
- Deficiency of Cholesteryl Ester Transfer Protein: Description of the Molecular Defect and the Dissociation of Cholesteryl Ester and Triglyceride Transport in Plasma, 3433
- HyperapoB**
- Associations Between Diet and the HyperapoBetalipoproteinemia Phenotype Expression in Children and Young Adults: The Cardiovascular Risk in Young Finns Study, 820
- Etiologic Heterogeneity of HyperapoBetalipoproteinemia (HyperapoB): Results From Segregation Analysis in Families With Premature Coronary Artery Disease, 2729
- Plasma Acylation-Stimulating Protein in Coronary Artery Disease, 1239
- Hypercholesterolemia**
- Atherosclerosis, Vascular Remodeling, and Impairment of Endothelium-Dependent Relaxation in Genetically Altered Hyperlipidemic Mice, 2333
- Effect of Atherosclerosis on Transmural Convection and Arterial Ultrastructure: Implications for Local Intravascular Drug Delivery, 3365
- Effective Lowering of Plasma, LDL, and Esterified Cholesterol in LDL Receptor-Knockout Mice by Adenovirus-Mediated Gene Delivery of ApoB mRNA Editing Enzyme (ApoBec1), 889
- Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737
- Homozygous Familial Defective Apolipoprotein B-100: Enhanced Removal of Apolipoprotein E-Containing VLDLs and Decreased Production of LDLs, 348
- In Vivo Formation of 8-Epi-Prostaglandin F₂_a Is Increased in Hypercholesterolemia, 3230
- Inhibitory Effects of Hypercholesterolemia and Ox-LDL on Angiogenesis-like Endothelial Growth in Rabbit Aortic Explants: Essential Role of Basic Fibroblast Growth Factor, 1303
- Isoprostanes: Potential Markers of Oxidant Stress in Atherosclerotic Disease, 2309
- Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375
- Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Hyperhomocyst(e)inemia**
- A Common Mutation in the Methylenetetrahydrofolate Reductase Gene (C677T) Increases the Risk for Deep-Vein Thrombosis in Patients With Mutant Factor V (Factor V:Q⁵⁰⁶), 1662
- Elevated Fasting Total Plasma Homocysteine Levels and Cardiovascular Disease Outcomes in Maintenance Dialysis Patients: A Prospective Study, 2554
- High Prevalence of Hyperhomocysteinemias and Asymptomatic Vascular Disease in Siblings of Young Patients With Vascular Disease and Hyperhomocysteinemias, 2655
- Hyperhomocyst(e)inemia and a Common Methylenetetrahydrofolate Reductase Mutation (Ala223Val MTHFR) in Patients With Inherited Thrombophilic Coagulation Defects, 2924
- Hyperlipidemia**
- Cholesterol Reduction and Clinical Benefit: Are There Limits to Our Expectations? 3527
- Common Genomic Variation in the *APOC3* Promoter Associated With Variation in Plasma Lipoproteins, 2753
- Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910
- Peroxidation of LDL From Combined-Hyperlipidemic Male Smokers Supplied With ω -3 Fatty Acids and Antioxidants, 2576
- Hyperlipoproteinemia**
- Common Genomic Variants Associated With Variation in Plasma Lipoproteins in Young Aboriginal Canadians, 1060
- Defects of Insulin Action on Fatty Acid and Carbohydrate Metabolism in Familial Combined Hyperlipidemia, 748
- Genetic Cholesteryl Ester Transfer Protein Deficiency Is Extremely Frequent in the Omagari Area of Japan: Marked Hyperalphalipoproteinemia Caused by CETP Gene Mutation Is Not Associated With Longevity, 1053
- No Influence of Simvastatin Treatment on Platelet Function In Vivo in Patients With Hypercholesterolemia, 273
- Skipping of Exon 14 and Possible Instability of Both the mRNA and the Resultant Truncated Protein Underlie a Common Cholesteryl Ester Transfer Protein Deficiency in Japanese, 1376
- Hypertension**
- Endothelium-Dependent Vasodilation and Tissue-Type Plasminogen Activator Release in Borderline Hypertension, 3376
- Fibrinolytic Function After Dietary Supplementation With ω 3 Polyunsaturated Fatty Acids, 814
- Gender Differences in the Relationships Between Plasma Plasminogen Activator Inhibitor-1 Activity and Factors Linked to the Insulin Resistance Syndrome in Essential Hypertension, 553
- Hypertensive Nephropathy and the Gene for Angiotensin-Converting Enzyme, 252
- Hypertriglyceridemia**
- Beneficial Effects of Alcohol Withdrawal on LDL Particle Size Distribution and Oxidative Susceptibility in Subjects With Alcohol-Induced Hypertriglyceridemia, 2540
- Determinants of Plasma HDL-Cholesterol in Hypertriglyceridemic Patients: Role of Cholesterol-Ester Transfer Protein and Lecithin Cholesteryl Acyl Transferase, 56
- Genotype-Specific Transcriptional Regulation of PAI-1 Expression by Hypertriglyceridemic VLDL and Lp(a) in Cultured Human Endothelial Cells, 3215

Therapeutic Response to Medium-Chain Triglycerides and ω -3 Fatty Acids in a Patient With the Familial Chylomicronemia Syndrome, 1400

Hypertrophy

Differential Roles of AT₁ and AT₂ Receptor Subtypes in Vascular Trophic and Phenotypic Changes in Response to Stimulation With Angiotensin II, 257

Role of Angiotensin II and Bradykinin on Aortic Collagen Following Converting Enzyme Inhibition in Spontaneously Hypertensive Rats, 3196

Hypoalbuminemia

Role of Lipoprotein-Bound NEFAs in Enhancing the Specific Activity of Plasma CETP in the Nephrotic Syndrome, 2559

Hypobetalipoproteinemia

Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes, 881

Hypolipidemic drugs

Cholesterol Reduction and Clinical Benefit: Are There Limits to Our Expectations? 3527

Regulation of Lipoprotein Metabolism by Thiazolidinediones Occurs through a Distinct but Complementary Mechanism Relative to Fibrates, 1756

Hypotension

Induction and Role of NO Synthase in Hypotensive Hepatic Failure, 3079

Hypoxia

Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203

I

IκB- α

Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901

ICAM-1

Reactive Oxygen Species Are Involved in Shear Stress-Induced Intercellular Adhesion Molecule-1 Expression in Endothelial Cells, 3570

α IIb β 3

α IIb β 3 Redistribution Triggered by Receptor Cross-Linking, 3311

Image processing

Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries in Vivo: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061

Influence of the Geometry of the Left Main Coronary Artery Bifurcation on the Distribution of Sudanophilia in the Daughter Vessels, 1356

Immunochemistry

Comparison of the Genetic Defect with LDL-Receptor Activity in Cultured Cells from Patients With a Clinical Diagnosis of Heterozygous Familial Hypercholesterolemia, 3092

Effect of Probucol Treatment on Gene Expression of VCAM-1, MCP-1, and M-CSF in the Aortic Wall of LDL Receptor-Deficient Rabbits During Early Atherogenesis, 1289

Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice, 340

Scavenger Receptors are Present on Rabbit Aortic Endothelial Cells In Vivo, 2369

Tissue Factor Expression on Macrophages in Coronary Plaques in Patients With Unstable Angina, 2232

In Memoriam

o. Univ Prof Dr Dr.h.c. Hermann Esterbauer (30 July 1936–7 January 1997), 2307

Infarction

Long-term Probucol Treatment Reverses the Severity of Myocardial Injury in Watanabe Heritable Hyperlipidemic Rabbits, 2801

Inflammation

Acidic and Basic Fibroblast Growth Factors Suppress Transcriptional Activation of Tissue Factor and Other Inflammatory Genes in Endothelial Cells, 940

Copper-Catalyzed Oxidation Mediates PAF Formation in Human LDL Subspecies: Protective Role of PAF:Acetylhydrolase in Dense LDL, 3505

Deficiency of Inflammatory Cell Adhesion Molecules Protects Against Atherosclerosis in Mice, 1517

Effects of Fluvastatin on Leukocyte-Endothelial Cell Adhesion in Hypercholesterolemic Rats, 1521

Elevated Circulating Levels of Inflammatory Cytokines in Patients With Abdominal Aortic Aneurysm, 2843

Lifetime Smoking Exposure Affects the Association of C-Reactive Protein With Cardiovascular Disease Risk Factors and Subclinical Disease in Healthy Elderly Subjects, 2167

Localization of Nonpancreatic Secretory Phospholipase A₂ in Normal and Atherosclerotic Arteries: Activity of the Isolated Enzyme on Low-Density Lipoproteins, 300

Modulation of Tissue Factor Protein Expression in Experimental Venous Bypass Grafts, 1313

Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medical Atrophy, and Adventitial Inflammation, 3593

Relationship of C-Reactive Protein to Risk of Cardiovascular Disease in the Elderly: Results From the Cardiovascular Health Study and the Rural Health Promotion Project, 1121

Injury

Expression of Matrix Metalloproteinases and Their Inhibitor TIMP-1 in the Rat Carotid Artery After Balloon Injury, 1837

Importance of Platelets in Neutrophil Adhesion and Vasoconstriction After Arterial Injury by Angioplasty in Pigs, 1185

Inositol phosphates

A Role for Tyrosine Phosphorylation in Generation of Inositol Phosphates and Prostacyclin Production in Endothelial Cells, 287

Insulin

Does Insulin Resistance Unite the Separate Components of the Insulin Resistance Syndrome?: Evidence From the Miami Community Health Study, 2413

Gender Differences in the Relationships Between Plasma Plasminogen Activator Inhibitor-1 Activity and Factors Linked to the Insulin Resistance Syndrome in Essential Hypertension, 553

Genetic Relationship Between Measures of HDL Phenotypes and Insulin Concentrations, 3414

Insulin Resistance as an Independent Risk Factor for Carotid Artery Wall Intima Media Thickening in Vasospastic Angina, 3302

Nonobese Patients With Familial Combined Hyperlipidemia Are Insulin Resistant Compared With Their Nonaffected Relatives, 1465

Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

Insulin resistance and sensitivity

Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287

Codon 54 Polymorphism of the Human Intestinal Fatty Acid Binding Protein 2 Gene Is Associated With Dyslipidemias But Not With Insulin Resistance in Patients With Familial Combined Hyperlipidemia, 1039

Defects of Insulin Action on Fatty Acid and Carbohydrate Metabolism in Familial Combined Hyperlipidemia, 748

Differences in Insulin Suppression of Free Fatty Acid Levels by Gender and Glucose Tolerance Status: Relation to Plasma Triglyceride and Apolipoprotein B Concentrations, 64

Interaction Between BTBR and C57BL/6J Genomes Produces an Insulin Resistance Syndrome in (BTBR \times C57BL/6J) F₁ Mice, 3286

Relationship of LDL Size to Insulin Sensitivity in Normoglycemic Men, 1447

Insulin-response element

Common Genomic Variation in the *APOC3* Promoter Associated With Variation in Plasma Lipoproteins, 2753

Integrins

α IIb β 3 Redistribution Triggered by Receptor Cross-Linking, 3311

7E3 Monoclonal Antibody Directed Against the Platelet Glycoprotein IIb/IIIa Cross-reacts With the Leukocyte Integrin Mac-1 and Blocks Adhesion to Fibrinogen and ICAM-1, 528

Deficiency of Inflammatory Cell Adhesion Molecules Protects Against Atherosclerosis in Mice, 1517

Inhibition of Protein Tyrosine Kinases Attenuates Increases in Expression of Transforming Growth Factor- β Isoforms and Their Receptors Following Arterial Injury, 2461

Lipoprotein Lipase Can Function as a Monocyte Adhesion Protein, 1414

Molecular Determinants of Oxidized Low-Density Lipoprotein-Induced Leukocyte Adhesion and Microvascular Dysfunction, 437

Triggering of β 1-Integrin Chain Induces Platelet Adhesion to Cultured Endothelium, 2663

Intercellular adhesion molecule-1

Deficiency of Inflammatory Cell Adhesion Molecules Protects Against Atherosclerosis in Mice, 1517

Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429

Interferon gamma

DNA Fragmentation and Ultrastructural Changes of Degenerating Cells in Atherosclerotic Lesions and Smooth Muscle Cells Exposed to Oxidized LDL in Vitro, 2225

Platelet-Activating Factor and Oxidized LDL Induce Immune Activation by a Common Mechanism, 963

Interleukins

Effect of Human Recombinant Interleukin-6 and Interleukin-8 on Monocyte Procoagulant Activity, 3399

Macrophages Isolated From Human Atherosclerotic Plaques Produce IL-8, and Oxyterols May Have a Regulatory Function for IL-8 Production, 317

Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802

N- α -Tosyl-L-Lysine Chloromethylketone Prevents Expression of iNOS in Vascular Smooth Muscle by Blocking Activation of NF- κ B, 672

Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429

Intermittent claudication

Effect of α -Tocopherol (Vitamin E) and β -Carotene Supplementation on the Incidence of Intermittent Claudication in Male Smokers, 3475

Internal mammary artery

Induction of Cyclooxygenase-2 in Human Saphenous Vein and Internal Mammary Artery, 1644

Interstitial collagenase

Thrombin Receptor-Mediated Increase of Two Matrix Metalloproteinases, MMP-1 and MMP-3, in Human Endothelial Cells, 1931

Intestine

Assembly and Secretion of VLDL in Nondifferentiated Caco-2 Cells Stably Transfected With Human Recombinant ApoB48 cDNA, 2955

Intima-media

Soluble Vascular Cell Adhesion Molecule-1 as a Biohumoral Correlate of Atherosclerosis, 2646

Intimal hyperplasia

Hopelessness and 4-Year Progression of Carotid Atherosclerosis: The Kuopio Ischemic Heart Disease Risk Factor Study, 1490

Increased Blood Flow Induces Regression of Intimal Hyperplasia, 2245

Inhibition of Collagen Synthesis, Smooth Muscle Cell Proliferation, and Injury-Induced Intimal Hyperplasia by Halofuginone, 194

Local Application of LDL Promotes Intimal Thickening in the Collared Carotid Artery of the Rabbit, 2423

Modulation of Tissue Factor Protein Expression in Experimental Venous Bypass Grafts, 1313

Monocyte Chemotactic Protein-1 Expression Is Associated With the Development of Vein Graft Intimal Hyperplasia, 1614

Possible Mechanisms of Collar-Induced Intimal Thickening, 1924

Remodeling With Neointima Formation in the Mouse Carotid Artery After Cessation of Blood Flow, 2238

Intravascular magnetic resonance imaging

Intravascular Magnetic Resonance Imaging of Aortic Atherosclerotic Plaque Composition, 3626

Intravascular ultrasound

Altered Compliance and Residual Strains Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency, 2209

Ischemia

Adenovirus-Mediated Expression of the Secreted Form of Basic Fibroblast Growth Factor (FGF-2) Induces Cellular Proliferation and Angiogenesis In Vivo, 2453

Associations of HDL₂ and HDL₃ Subfractions With Ischemic Heart Disease in Men: Prospective Results From the Québec Cardiovascular Study, 1098

Factor VII Polymorphisms in Populations With Different Risks of Cardiovascular Disease, 1918

Hemostatic Factors as Predictors of Ischemic Heart Disease and Stroke in the Edinburgh Artery Study, 3321

Isoprostanes: Potential Markers of Oxidant Stress in Atherosclerotic Disease, 2309

Manipulating Angiogenesis: From Basic Science to the Bedside, 605

Relation of High TG-Low HDL Cholesterol and LDL Cholesterol to the Incidence of Ischemic Heart Disease: An 8-Year Follow-up in the Copenhagen Male Study, 1114

Isoflavones

Soy Protein Versus Soy Phytoestrogens in the Prevention of Diet-Induced Coronary Artery Atherosclerosis of Male Cynomolgus Monkeys, 2524

Isoprenoids

Vastatins Inhibit Tissue Factor in Cultured Human Macrophages: A Novel Mechanism of Protection Against Atherosclerosis, 265

Isopycnic density-gradient ultracentrifugation

Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786

J**J774 A.1 cells**

Cholesterol-Mediated Changes of Neutral Cholesterol Esterase Activity in Macrophages: Mechanism for Mobilization of Cholestryler Esters in Lipid Droplets by HDL, 3033

Japanese

Association of Apolipoprotein Genetic Polymorphisms With Plasma Cholesterol in a Japanese Rural Population: The Shibaoka Study, 3495

Hypertensive Nephropathy and the Gene for Angiotensin-Converting Enzyme, 252

K**Kidney**

Role of Lipoprotein-Bound NEFAs in Enhancing the Specific Activity of Plasma CETP in the Nephrotic Syndrome, 2559

Kinetics

Apolipoprotein A-I_{FIN} (Leu159 \rightarrow Arg) Mutation Affects Lecithin: Cholesterol Acyltransferase Activation and Subclass Distribution of HDL but Not Cholesterol Efflux From Fibroblasts, 3021

- Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes, 881
- Impact of Gender on the Metabolism of Apolipoprotein A-I in HDL Subclasses LpAI and LpAI:AII in Older Subjects, 3513
- Inhibition of HMG-CoA Reductase by Atorvastatin Decreases Both VLDL and LDL Apolipoprotein B Production in Miniature Pigs, 2589
- Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542
- Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910
- Metabolic Basis of Hypotriglyceridemic Effects of Insulin in Normal Men, 1454
- Plasma Kinetics of Cholestryl Ester Transfer Protein in the Rabbit: Effects of Dietary Cholesterol, 203
- Subjects With ApoA-I(Lys₁₀₇→0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- The Effect of Oxidizing Cholesterol on Gastrointestinal Absorption, Plasma Clearance, Tissue Distribution, and Processing by Endothelial Cells, 778
- Kupffer cells**
- Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995
- L**
- Lag phase**
- Increased Oxidation of LDL in Patients With Coronary Artery Disease Is Independent From Dietary Vitamins E and C, 1432
- LCAT**
- Design of a New Class of Amphipathic Helical Peptides for the Plasma Apolipoproteins That Promote Cellular Cholesterol Efflux But Do Not Activate LCAT, 580
- Determinants of Plasma HDL-Cholesterol in Hypertriglyceridemic Patients: Role of Cholesterol-Ester Transfer Protein and Lecithin Cholestryl Acyl Transferase, 56
- Evidence That Apolipoprotein A-I_{Milano} Has Reduced Capacity, Compared With Wild-Type Apolipoprotein A-I, to Recruit Membrane Cholesterol, 1637
- Lipid Transfer Inhibitor Protein Activity Deficiency in Normolipidemic Uremic Patients on Continuous Ambulatory Peritoneal Dialysis, 1716
- Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Lck**
- Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278
- LDL**
- Endothelial Cells Prevent Accumulation of Lipid Hydroperoxides in Low-Density Lipoprotein, 3469
- HDL-Induced Prostacyclin Release in Smooth Muscle Cells Is Dependent on Cyclooxygenase-2 (Cox-2), 3481
- LDL cholesterol**
- Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082
- Circulating Autoantibodies Recognizing Peroxidase-Oxidized Low Density Lipoprotein: Evidence for New Antigenic Epitopes Formed In Vivo Independently From Lipid Peroxidation, 134
- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954
- Effect of Coffee Lipids (Cafestol and Kahweol) on Regulation of Cholesterol Metabolism in HepG2 Cells, 2140
- Effect of Iron Overload and Iron Deficiency on Atherosclerosis in the Hypercholesterolemic Rabbit, 2638
- Heritability Analysis of Lipids and Three Gene Loci in Twins Link the Macrophage Scavenger Receptor to HDL Cholesterol Concentrations, 2054
- Human Leukemia Inhibitory Factor Upregulates LDL Receptors on Liver Cells and Decreases Serum Cholesterol in the Cholesterol-Fed Rabbit, 1267
- Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979
- In Vitro Interactions of Oxidatively Modified LDL With Type I, II, III, IV, and V Collagen, Laminin, Fibronectin, and Poly-D-Lysine, 2721
- Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375
- Liver LDL Receptor mRNA Expression Is Decreased in Human ApoB/CETP Double Transgenic Mice and Is Regulated by Diet as Well as the Cytokine Oncostatin M, 2948
- Local Application of LDL Promotes Intimal Thickening in the Collared Carotid Artery of the Rabbit, 2423
- Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575
- Modified LDL Decreases the Binding of Prostaglandin E₂, I₂, and E₁ Onto Monocytes in Patients With Peripheral Vascular Disease, 2066
- Nitric Oxide Mediates LDL Uptake in the Artery Wall in Response to High Concentrations of 17 β -Estradiol, 2123
- Relation of High TG-Low HDL Cholesterol and LDL Cholesterol to the Incidence of Ischemic Heart Disease: An 8-Year Follow-up in the Copenhagen Male Study, 1114
- Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403
- Two Alleles of the Human Paraoxonase Gene Produce Different Amounts of mRNA: An Explanation for Differences in Serum Concentrations of Paraoxonase Associated With the (Leu-Met54) Polymorphism, 2935
- Vitamin E/Lipid Peroxide Ratio and Susceptibility of LDL to Oxidative Modification in Non-Insulin-Dependent Diabetes Mellitus, 1438
- LDL kinetics and metabolism**
- Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128
- Polymorphisms of the Genes Encoding Apoproteins A-I, B, C-III, and E and LDL Receptor, and Cholesterol and LDL Metabolism During Increased Cholesterol Intake: Common Alleles of the Apoprotein E Gene Show the Greatest Regulatory Impact, 38
- LDL modification**
- Association of Serum Vitamin Levels, LDL Susceptibility to Oxidation, and Autoantibodies Against MDA-LDL With Carotid Atherosclerosis: A Case-Control Study, 1171
- Effect of 17 β -Estradiol on Plasma Lipids and LDL Oxidation in Postmenopausal Women With Type II Diabetes Mellitus, 324
- Possible Functional Interactions of Apolipoprotein B-100 Segments That Associate With Cell Proteoglycans and the ApoE/E Receptor, 149
- Prostaglandin F₂-Like Compounds, F₂-Isoprostanones, Are Present in Increased Amounts in Human Atherosclerotic Lesions, 3236
- LDL particle size**
- Beneficial Effects of Alcohol Withdrawal on LDL Particle Size Distribution and Oxidative Susceptibility in Subjects With Alcohol-Induced Hypertriglyceridemia, 2540
- Relation of LDL Size to the Insulin Resistance Syndrome and Coronary Heart Disease in American Indians: The Strong Heart Study, 2713
- LDL receptor**
- Comparison of the Genetic Defect with LDL-Receptor Activity in Cultured Cells from Patients With a Clinical Diagnosis of Heterozygous Familial Hypercholesterolemia, 3092

- Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995
- Effect of Coffee Lipids (Cafestol and Kahweol) on Regulation of Cholesterol Metabolism in HepG2 Cells, 2140
- Effective Lowering of Plasma, LDL, and Esterified Cholesterol in LDL Receptor-Knockout Mice by Adenovirus-Mediated Gene Delivery of ApoB mRNA Editing Enzyme (Apo-becl), 889
- Familial Hypercholesterolemia in the Finnish North Karelia: A Molecular, Clinical, and Genealogical Study, 3127
- Familial Moderate Hypercholesterolemia Caused by Asp235→Glu Mutation of the LDL Receptor Gene and Co-occurrence of a De Novo Deletion of the LDL Receptor Gene in the Same Family, 1392
- Genetic Factors Precipitating Type III Hyperlipoproteinemia in Hypolipidemic Transgenic Mice Expressing Human Apolipoprotein E2, 2817
- Importance of Estrogen Receptors in Hepatic LDL Receptor Regulation, 1800
- Liver LDL Receptor mRNA Expression Is Decreased in Human ApoB/CETP Double Transgenic Mice and Is Regulated by Diet as Well as the Cytokine Oncostatin M, 2948
- Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741
- Upregulation of Low Density Lipoprotein Receptor by Gemfibrozil, a Hypolipidemic Agent, in Human Hepatoma Cells Through Stabilization of mRNA Transcripts, 2707
- LDL subfractions**
- Beneficial Effects of Alcohol Withdrawal on LDL Particle Size Distribution and Oxidative Susceptibility in Subjects With Alcohol-Induced Hypertriglyceridemia, 2540
 - Interaction of Very-Low-Density, Intermediate-Density, and Low-Density Lipoproteins With Human Arterial Wall Proteoglycans, 2507
 - LDL Subclass Patterns and Lipoprotein Response to a Low-Fat, High-Carbohydrate Diet in Women, 707
 - Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786
 - Relationship of LDL Size to Insulin Sensitivity in Normoglycemic Men, 1447
 - The Redox Status of Coenzyme Q10 in Total LDL as an Indicator of In Vivo Oxidative Modification: Studies on Subjects With Familial Combined Hyperlipidemia, 127
 - Urbanization Elicits a More Atherogenic Lipoprotein Profile in Carriers of the Apolipoprotein A-IV-2 Allele Than in A-IV-1 Homozygotes, 1074
- Leptin**
- Regulation of Body Adiposity and the Problem of Obesity, 233
- Leucine-rich repeat**
- Identification of Osteoglycin as a Component of the Vascular Matrix: Differential Expression by Vascular Smooth Muscle Cells During Neointima Formation and in Atherosclerotic Plaques, 2437
- Leukemia inhibitory factor**
- Human Leukemia Inhibitory Factor Upregulates LDL Receptors on Liver Cells and Decreases Serum Cholesterol in the Cholesterol-Fed Rabbit, 1267
- Leukocytes**
- Effects of Fluvastatin on Leukocyte-Endothelial Cell Adhesion in Hypercholesterolemic Rats, 1521
 - Local Application of LDL Promotes Intimal Thickening in the Collared Carotid Artery of the Rabbit, 2423
- Levonorgestrel**
- Effects of Contraceptive Estrogen and Progestin on the Atherogenic Potential of Plasma LDLs in Cynomolgus Monkeys, 1216
- Lifestyle**
- Interactions Between Lifestyle-Related Factors and the ApoE Polymorphism on Plasma Lipids and Apolipoproteins: The EARS Study, 1675
- Linkage disequilibrium**
- Common Genomic Variation in the *APOC3* Promoter Associated With Variation in Plasma Lipoproteins, 2753
- Lipases**
- Evidence for Hormone-Sensitive Lipase mRNA Expression in Human Monocyte/Macrophages, 3428
 - Familial Resemblance of Plasma Lipids, Lipoproteins and Post-heparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study, 3263
- Lipid binding**
- Lipid Binding of Apolipoprotein CII Is Required for Stimulation of Lipoprotein Lipase Activity Against Apolipoprotein CII-Deficient Chylomicrons, 1545
 - Possible Functional Interactions of Apolipoprotein B-100 Segments That Associate With Cell Proteoglycans and the ApoB/E Receptor, 149
- Lipid core**
- Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786
 - Water Diffusion Properties of Human Atherosclerosis and Thrombosis Measured by Pulse Field Gradient Nuclear Magnetic Resonance, 542
- Lipid peroxidation**
- Beneficial Effects of Alcohol Withdrawal on LDL Particle Size Distribution and Oxidative Susceptibility in Subjects With Alcohol-Induced Hypertriglyceridemia, 2540
 - Copper Ions Promote Peroxidation of Low Density Lipoprotein Lipid by Binding to Histidine Residues of Apolipoprotein B100, But They Are Reduced at Other Sites on LDL, 3338
 - Dose-Response Comparison of *RRR*- α -Tocopherol and All-Racemic α -Tocopherol on LDL Oxidation, 2273
 - Effect of Iron Overload and Iron Deficiency on Atherosclerosis in the Hypercholesterolemic Rabbit, 2638
 - Effect of Streptozotocin-Induced Hyperglycemia on Lipid Profiles, Formation of Advanced Glycation Endproducts in Lesions, and Extent of Atherosclerosis in LDL Receptor-Deficient Mice, 2250
 - Endothelial Cells Prevent Accumulation of Lipid Hydroperoxides in Low-Density Lipoprotein, 3469
 - Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherogenesis, 954
 - Fibroblasts That Overexpress 15-Lipoxygenase Generate Bioactive and Minimally Modified LDL, 3639
 - In Vitro Interactions of Oxidatively Modified LDL With Type I, II, III, IV, and V Collagen, Laminin, Fibronectin, and Poly-D-Lysine, 2721
 - Isoprostanes: Potential Markers of Oxidant Stress in Atherosclerotic Disease, 2309
 - Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088
 - Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855
 - Prostaglandin F₂-Like Compounds, F₂-Isoprostanes, Are Present in Increased Amounts in Human Atherosclerotic Lesions, 3236
 - Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744
 - Tetradeacylthioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation in Vitro, 3255
 - The Redox Status of Coenzyme Q10 in Total LDL as an Indicator of In Vivo Oxidative Modification: Studies on Subjects With Familial Combined Hyperlipidemia, 127
 - Vitamin E/Lipid Peroxide Ratio and Susceptibility of LDL to Oxidative Modification in Non-Insulin-Dependent Diabetes Mellitus, 1438

Lipid transfer

Lipid Transfer Inhibitor Protein Activity Deficiency in Normolipidemic Uremic Patients on Continuous Ambulatory Peritoneal Dialysis, 1716

Plasma Kinetics of Cholesteryl Ester Transfer Protein in the Rabbit: Effects of Dietary Cholesterol, 203

Suppression of Lipid Transfer Inhibitor Protein Activity by Oleate: A Novel Mechanism of Cholesteryl Ester Transfer Protein Regulation by Plasma Free Fatty Acids, 3041

Lipids

Altered Transfer of Cholesteryl Esters and Phospholipids in Plasma From Alcohol Abusers, 2940

Associations Between Diet and the Hyperapobetalipoproteinemia Phenotype Expression in Children and Young Adults: The Cardiovascular Risk in Young Finns Study, 820

Ethnic Variation and In Vivo Effects of the -93t→g Promoter Variant in the Lipoprotein Lipase Gene, 2672

Factor VII, Cholesterol, and Triglycerides: The CARDIA Study, 51

Familial Resemblance of Plasma Lipids, Lipoproteins and Post-heparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study, 3263

Genetic Variation in Factor VII Associated with Variation in Plasma Lipoprotein(a) Concentration, 1701

In Vitro and In Situ Magnetic Resonance Imaging Signal Features of Atherosclerotic Plaque-Associated Lipids, 1496

Influence of n-6 versus n-3 Polyunsaturated Fatty Acids in Diets Low in Saturated Fatty Acids on Plasma Lipoproteins and Hemostatic Factors, 3449

Interactions Between Lifestyle-Related Factors and the ApoE Polymorphism on Plasma Lipids and Apolipoproteins: The EARS Study, 1675

Relation of Plaque Lipid Composition and Morphology to the Stability of Human Aortic Plaques, 1337

Role of Lipoprotein-Bound NEFAs in Enhancing the Specific Activity of Plasma CETP in the Nephrotic Syndrome, 2559

Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403

Lipolysis

Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287

Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipase-Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase, 2532

No Evidence of Linkage Between Familial Combined Hyperlipidemia and Genes Encoding Lipolytic Enzymes in Finnish Families, 841

Lipolytic enzymes

No Evidence of Linkage Between Familial Combined Hyperlipidemia and Genes Encoding Lipolytic Enzymes in Finnish Families, 841

Lipoprotein lipase

A Common Mutation in the Lipoprotein Lipase Gene Promoter, -93T/G, Is Associated With Lower Plasma Triglyceride Levels and Increased Promoter Activity In Vitro, 1969

Antiatherogenic Effects of a Novel Lipoprotein Lipase-Enhancing Agent in Cholesterol-Fed New Zealand White Rabbits, 2601

Ethnic Variation and In Vivo Effects of the -93t→g Promoter Variant in the Lipoprotein Lipase Gene, 2672

Heritability Analysis of Lipids and Three Gene Loci in Twins Link the Macrophage Scavenger Receptor to HDL Cholesterol Concentrations, 2054

Lipid Binding of Apolipoprotein CII Is Required for Stimulation of Lipoprotein Lipase Activity Against Apolipoprotein CII-Deficient Chylomicrons, 1545

Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542

Phenotypic Variation in Patients Heterozygous for Familial Defective Apolipoprotein B (FDB) in Three European Countries, 741

Ser^{447stop} Mutation in Lipoprotein Lipase Is Associated With Elevated HDL Cholesterol Levels in Normolipidemic Males, 595

Therapeutic Response to Medium-Chain Triglycerides and ω-3 Fatty Acids in a Patient With the Familial Chylomicronemia Syndrome, 1400

Uptake by J774 Macrophages of Very-Low-Density Lipoproteins Isolated from ApoE-Deficient Mice Is Mediated by a Distinct Receptor and Stimulated by Lipoprotein Lipase, 498

Lipoprotein metabolism

Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995

The Role of a Triplet Repeat Sequence of the Very Low Density Lipoprotein Receptor Gene in Plasma Lipid and Lipoprotein Level Variability in Humans, 2759

Lipoprotein particles

Copper-Catalyzed Oxidation Mediates PAF Formation in Human LDL Subspecies: Protective Role of PAF:Acetylhydrolase in Dense LDL, 3505

The Role of Triglyceride-Rich Lipoprotein Families in the Progression of Atherosclerotic Lesions as Determined by Sequential Coronary Angiography From a Controlled Clinical Trial, 715

Lipoprotein(a)

A Prospective Case-Control Study of Lipoprotein(a) Levels and Apo(a) Size and Risk of Coronary Heart Disease in Stanford Five-City Project Participants, 239

Cytomegalovirus Infection, Lipoprotein(a), and Hypercoagulability: An Atherogenic Link? 1780

Effects of Estrus Cycle, Ovariectomy, and Treatment with Estrogen, Tamoxifen, and Progesterone on Apolipoprotein(a) Gene Expression in Transgenic Mice, 1741

Genotype-Specific Transcriptional Regulation of PAI-1 Expression by Hypertriglyceridemic VLDL and Lp(a) in Cultured Human Endothelial Cells, 3215

In Vivo Transfer of Lipoprotein(a) Into Human Atherosclerotic Carotid Arterial Intima, 905

Lipoprotein(a) Interactions With Lipid and Nonlipid Risk Factors in Early Familial Coronary Artery Disease, 2783

Lipoprotein(a) Isoforms Display Differences in Affinity for Plasminogen-Like Binding to Human Mononuclear Cells, 2036

Localization of Lipoprotein(a) in a Monkey Model of Rapid Neointimal Growth, 181

Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, Cis-, or Trans-Monounsaturated Fatty Acids, 1657

Platelet Integrin α_{IIb}β₃ (GPIIb-IIIa) Is Not Implicated in the Binding of LDL to Intact Resting Platelets, 156

Lipoproteins

Adipose Tissue Lipoprotein Lipase and Hormone-Sensitive Lipase: Contrasting Findings in Familial Combined Hyperlipidemia and Insulin Resistance Syndrome, 2287

Altered Transfer of Cholesteryl Esters and Phospholipids in Plasma From Alcohol Abusers, 2940

Associations Between Diet and the Hyperapobetalipoproteinemia Phenotype Expression in Children and Young Adults: The Cardiovascular Risk in Young Finns Study, 820

Cellular Consequences of the Association of ApoB Lipoproteins With Proteoglycans: Potential Contribution to Atherogenesis, 1011

CLA-1 Is an 85-kD Plasma Membrane Glycoprotein That Acts as a High-Affinity Receptor for Both Native (HDL, LDL, and VLDL) and Modified (OxLDL and AcLDL) Lipoproteins, 2341

Dietary Fish Oil: Influence on Lesion Regression in the Porcine Model of Atherosclerosis, 688

Effect of the ACAT Inhibitor CL 277,082 on Apolipoprotein B48 Transport in Mesenteric Lymph and on Plasma Clearance of Chylomicrons and Remnants, 211

Effective Lowering of Plasma, LDL, and Esterified Cholesterol in LDL Receptor-Knockout Mice by Adenovirus-Mediated Gene Delivery of ApoB mRNA Editing Enzyme (Apo-becl), 889

- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95
- Familial Resemblance of Plasma Lipids, Lipoproteins and Post-heparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study, 3263
- Gender Differences in Intima-Media Permeability to Low Density Lipoprotein at Atherosclerosis-Prone Aortic Sites in Rabbits: Lack of Effect of 17 β -Estradiol, 2150
- HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158
- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherogenesis, 1725
- Impact of Gender on the Metabolism of Apolipoprotein A-I in HDL Subclasses LpAI and LpAI:AII in Older Subjects, 3513
- Increased Oxidation of LDL in Patients With Coronary Artery Disease Is Independent From Dietary Vitamins E and C, 1432
- Influence of n-6 versus n-3 Polyunsaturated Fatty Acids in Diets Low in Saturated Fatty Acids on Plasma Lipoproteins and Hemostatic Factors, 3449
- LDL Subclass Patterns and Lipoprotein Response to a Low-Fat, High-Carbohydrate Diet in Women, 707
- Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910
- Molecular Basis of Fish-Eye Disease in a Patient From Spain: Characterization of a Novel Mutation in the LCAT Gene and Lipid Analysis of the Cornea, 1382
- Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088
- Organ Loci of Catabolism of Short Truncations of ApoB, 1032
- Plasma LDL Oxidation Leads to Its Aggregation in the Atherosclerotic Apolipoprotein E-Deficient Mice, 2995
- Segregation Analysis of Plasma Apolipoprotein B Levels in Familial Combined Hyperlipidemia, 834
- Uptake of Chylomicrons by the Liver, but Not by the Bone Marrow, Is Modulated by Lipoprotein Lipase Activity, 1407
- Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429
- Liver**
- Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128
- Local drug delivery**
- Effect of Atherosclerosis on Transmural Convection and Arterial Ultrastructure: Implications for Local Intravascular Drug Delivery, 3365
- Long-term mortality**
- Isolated Low HDL Cholesterol As a Risk Factor for Coronary Heart Disease Mortality: A 21-Year Follow-up of 8000 Men, 107
- Longitudinal study**
- Elevated Fasting Total Plasma Homocysteine Levels and Cardiovascular Disease Outcomes in Maintenance Dialysis Patients: A Prospective Study, 2554
- Losartan**
- Bimodal Effects of Angiotensin II on Migration of Human and Rat Smooth Muscle Cells: Direct Stimulation and Indirect Inhibition Via Transforming Growth Factor- β 1, 1251
- Differential Roles of AT₁ and AT₂ Receptor Subtypes in Vascular Trophic and Phenotypic Changes in Response to Stimulation With Angiotensin II, 257
- Lovastatin**
- Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910
- Low HDL**
- Determinants of Plasma HDL-Cholesterol in Hypertriglyceridemic Patients: Role of Cholesterol-Ester Transfer Protein and Lecithin Cholesterol Acyl Transferase, 56
- LpAI**
- Impact of Gender on the Metabolism of Apolipoprotein A-I in HDL Subclasses LpAI and LpAI:AII in Older Subjects, 3513
- In Vivo Glucosylated LpA-I Subfraction: Evidence for Structural and Functional Alterations, 2830
- Normolipidemic Subjects With Low HDL Cholesterol Levels Have Altered HDL Subpopulations, 1885
- Subjects With ApoA-I(Lys₅₀₇ \rightarrow 0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- LpAI:AII**
- Impact of Gender on the Metabolism of Apolipoprotein A-I in HDL Subclasses LpAI and LpAI:AII in Older Subjects, 3513
- Lumen diameter**
- Loss of Arterial Dilation in the Reendothelialized Area of the Flow-Loaded Rat Common Carotid Artery, 3083
- The Impact of Atherosclerotic Arterial Remodeling on Percentage of Luminal Stenosis Varies Widely Within the Arterial System: A Postmortem Study, 3057
- Lutein/zeaxanthin**
- Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786
- Lyn**
- Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278
- Lysophosphatidylcholine**
- Lysophosphatidylcholine Inhibits Receptor-Mediated Ca²⁺ Mobilization in Intact Endothelial Cells of Rabbit Aorta, 1561
- Lysophosphatidylcholine Promotes Cholesterol Efflux From Mouse Macrophage Foam Cells, 1258
- M**
- Macrophage scavenger receptor**
- Effect of 17 β -Estradiol on Metabolism of Acetylated Low-Density Lipoprotein by THP-1 Macrophages in Culture, 1691
- Heritability Analysis of Lipids and Three Gene Loci in Twins Link the Macrophage Scavenger Receptor to HDL Cholesterol Concentrations, 2054
- Macrophages**
- Bone Marrow Transplantation in Apolipoprotein E-Deficient Mice: Effect of ApoE Gene Dosage on Serum Lipid Concentrations, (β)VLDL Catabolism, and Atherosclerosis, 3117
- Cellular Dynamics in Early Atherosclerotic Lesion Progression in White Carneau Pigeons: Spatial and Temporal Analysis of Monocyte and Smooth Muscle Invasion of the Intima, 654
- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954
- Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901
- Effect of Bone Marrow Transplantation on Lipoprotein Metabolism and Atherosclerosis in LDL Receptor-Knockout Mice, 1995
- Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells In Vitro, 2897
- Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages, 18
- High-Density Lipoprotein-Binding Protein (HBP)/Vigilin Is Expressed in Human Atherosclerotic Lesions and Colocalizes With Apolipoprotein E, 2350
- Human Monocyte-Derived Macrophages Express an \approx 120-kD Ox-LDL Binding Protein With Strong Identity to CD68, 3107
- Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL

- and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979
- Independent Mechanisms for Macrophage Binding and Macrophage Phagocytosis of Damaged Erythrocytes: Evidence of Receptor Cooperativity, 3442
- Influence of Hypercholesterolemia and Adventitial Inflammation on the Development of Aortic Aneurysm in Rabbits, 10
- Lipoprotein Lipase Correlates Positively and Hepatic Lipase Inversely With Calcific Atherosclerosis in Homozygous Familial Hypercholesterolemia, 354
- Localization of Nonpancreatic Secretory Phospholipase A₂ in Normal and Atherosclerotic Arteries: Activity of the Iso-lated Enzyme on Low-Density Lipoproteins, 300
- Monocyte Chemotactic Protein-1 Expression Is Associated With the Development of Vein Graft Intimal Hyperplasia, 1614
- Skipping of Exon 14 and Possible Instability of Both the mRNA and the Resultant Truncated Protein Underlie a Common Cholesteryl Ester Transfer Protein Deficiency in Japan, 1376
- Tissue Factor Expression on Macrophages in Coronary Plaques in Patients With Unstable Angina, 2232
- Two Intracellular Signaling Pathways for Activation of Protein Kinase C Are Involved in Oxidized Low-Density Lipoprotein-Induced Macrophage Growth, 3013
- Uptake by J774 Macrophages of Very-Low-Density Lipoproteins Isolated from ApoE-Deficient Mice Is Mediated by a Distinct Receptor and Stimulated by Lipoprotein Lipase, 498
- Magnesium**
- Early Administration of Intravenous Magnesium Inhibits Arterial Thrombus Formation, 3620
- Magnetic resonance imaging**
- In Vitro and In Situ Magnetic Resonance Imaging Signal Features of Atherosclerotic Plaque-Associated Lipids, 1496
- Water Diffusion Properties of Human Atherosclerosis and Thrombosis Measured by Pulse Field Gradient Nuclear Magnetic Resonance, 542
- Major locus effect**
- Genetic Contribution of the Endothelial Constitutive Nitric Oxide Synthase Gene to Plasma Nitric Oxide Levels, 3147
- Males**
- Soy Protein Versus Soy Phytoestrogens in the Prevention of Diet-Induced Coronary Artery Atherosclerosis of Male Cynomolgus Monkeys, 2524
- MAP kinase**
- Activation of Mitogen-Activated Protein Kinases (ERK/JNK) and AP-1 Transcription Factor in Rat Carotid Arteries After Balloon Injury, 2808
- High Density Lipoproteins Stimulate Mitogen-Activated Protein Kinases in Human Skin Fibroblasts, 1667
- Low-Affinity Thromboxane Receptor Mediates Proliferation in Cultured Vascular Smooth Muscle Cells of Rats, 1274
- Mast cells**
- Molecular Determinants of Oxidized Low-Density Lipoprotein-Induced Leukocyte Adhesion and Microvascular Dysfunction, 437
- Native Macromolecular Heparin Proteoglycans Exocytosed From Stimulated Rat Serosal Mast Cells Strongly Inhibit Platelet-Collagen Interactions, 3578
- Matrix**
- Identification of Osteoglycan as a Component of the Vascular Matrix: Differential Expression by Vascular Smooth Muscle Cells During Neointima Formation and in Atherosclerotic Plaques, 2437
- In Vitro Interactions of Oxidatively Modified LDL With Type I, II, III, IV, and V Collagen, Laminin, Fibronectin, and Poly-d-Lysine, 2721
- MCP-1**
- Basic Fibroblast Growth Factor (bFGF) Regulates the Expression of the CC Chemokine Monocyte Chemoattractant Protein-1 (MCP-1) in Autocrine-Activated Endothelial Cells, 2471
- Monocyte Chemotactic Protein-1 Expression Is Associated With the Development of Vein Graft Intimal Hyperplasia, 1614
- Medial necrosis**
- Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medial Atrophy, and Adventitial Inflammation, 3593
- Medroxyprogesterone acetate**
- Medroxyprogesterone Acetate Antagonizes Inhibitory Effects of Conjugated Equine Estrogens on Coronary Artery Atherosclerosis, 217
- Meeting Summary**
- The 19th Annual Meeting of the European Lipoprotein Club, 2316
- Megakaryocytes**
- Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802
- Signal Transduction Through Trimeric G Proteins in Megakaryoblastic Cell Lines, 1830
- Synthesis and Secretion of von Willebrand Factor and Fibronectin in Megakaryocytes at Different Phases of Maturation, 797
- Menopause and menstrual cycle**
- Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082
- Effects of Oral and Transdermal Estrogen/Progesterone Regimens on Blood Coagulation and Fibrinolysis in Postmenopausal Women: A Randomized Controlled Trial, 3071
- Effects of Short-term Exercise on Female Platelet Function During Different Phases of the Menstrual Cycle, 1682
- Soy Isoflavones Improve Systemic Arterial Compliance but Not Plasma Lipids in Menopausal and Perimenopausal Women, 3392
- Metabolism**
- Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes, 881
- Five Frequent Polymorphisms of the PAI-1 Gene: Lack of Association Between Genotypes, PAI Activity, and Triglyceride Levels in a Healthy Population, 851
- Niacin Decreases Removal of High-Density Lipoprotein Apolipoprotein A-I but Not Cholesterol Ester by Hep G2 Cells: Implication for Reverse Cholesterol Transport, 2020
- Subjects With ApoA-I(Lys₁₀₇→0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- Metal ions**
- Both Intracellular and Extracellular Vitamin C Inhibit Atherogenic Modification of LDL by Human Vascular Endothelial Cells, 1583
- Copper Ions Promote Peroxidation of Low Density Lipoprotein Lipid by Binding to Histidine Residues of Apolipoprotein B100, But They Are Reduced at Other Sites on LDL, 3338
- Effect of Iron Overload and Iron Deficiency on Atherosclerosis in the Hypercholesterolemic Rabbit, 2638
- Metalloproteinases**
- cAMP Involvement in the Expression of MMP-2 and MT-MMP1 Metalloproteinases in Human Endothelial Cells, 3185
- Coordinated Effects of Fibroblast Growth Factor-2 on Expression of Fibrillar Collagens, Matrix Metalloproteinases, and Tissue Inhibitors of Matrix Metalloproteinases by Human Vascular Smooth Muscle Cells: Evidence for Repressed Collagen Production and Act, 475
- Expression of Matrix Metalloproteinases and Their Inhibitor TIMP-1 in the Rat Carotid Artery After Balloon Injury, 1837
- Short-term Exposure to Thapsigargin Inhibits Neointima Formation in Human Saphenous Vein, 2500
- Thrombin Promotes Activation of Matrix Metalloproteinase-2 Produced by Cultured Vascular Smooth Muscle Cells, 483
- Methylenetetrahydrofolate reductase**
- A Common Mutation in the Methylenetetrahydrofolate Reductase Gene (C677T) Increases the Risk for Deep-Vein Thrombosis in Patients With Mutant Factor V (Factor V:Q⁵⁰⁶), 1662

- Correlation of a Common Mutation in the Methylenetetrahydrofolate Reductase Gene With Plasma Homocysteine in Patients With Premature Coronary Artery Disease, 569
- MHC class II**
- P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes, 310
- Mice**
- A General Strategy for Isolation of Endothelial Cells From Murine Tissues: Characterization of Two Endothelial Cell Lines From the Murine Lung and Subcutaneous Sponge Implants, 1599
- Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium: A Study of Aortic and Microvascular Endothelial Cell Lines, 454
- Remodeling With Neointima Formation in the Mouse Carotid Artery After Cessation of Blood Flow, 2238
- Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice, 340
- Microalbuminuria**
- Hypertensive Nephropathy and the Gene for Angiotensin-Converting Enzyme, 252
- The Angiotensin-Converting Enzyme Gene and the Angiotensin II Type I Receptor Gene as Candidate Genes for Microalbuminuria: A Study in Nondiabetic and Non-Insulin-Dependent Diabetic Subjects, 2188
- Microcirculation**
- Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Microparticles**
- Shear-Induced Platelet Activation and Platelet Microparticle Formation at Blood Flow Conditions as in Arteries With a Severe Stenosis, 646
- Microsomal triglyceride transfer protein**
- Assembly and Secretion of VLDL in Nondifferentiated Caco-2 Cells Stably Transfected With Human Recombinant ApoB48 cDNA, 2955
- Microvilli**
- Evidence for Prolonged Cell-Surface Contact of Acetyl-LDL Before Entry Into Macrophages, 1421
- Migration**
- Bimodal Effects of Angiotensin II on Migration of Human and Rat Smooth Muscle Cells: Direct Stimulation and Indirect Inhibition Via Transforming Growth Factor- β 1, 1251
- Dopamine as a Novel Antimigration and Antiproliferative Factor of Vascular Smooth Muscle Cells Through Dopamine D1-Like Receptors, 3164
- Effect of Phosphorothioated Oligonucleotides on Neointima Formation in the Rat Carotid Artery: Dissecting the Mechanism of Action, 2326
- Evidence for the Migration of Rat Aortic Endothelial Cells Toward the Heart, 2891
- Inhibition of Proliferation and Stimulation of Migration of Endothelial Cells by Secretoneurin In Vitro, 932
- Natriuretic Peptide Family as a Novel Antimigration Factor of Vascular Smooth Muscle Cells, 731
- Neutralizing Antibodies Directed Against Osteopontin Inhibit Rat Carotid Neointimal Thickening After Endothelial Denudation, 188
- Response of Vascular Smooth Muscle Cells to the Neuropeptide Secretoneurin: A Functional Role for Migration and Proliferation in Vitro, 2029
- Thrombospondin-1 Is a Potent Mitogen and Chemoattractant for Human Vascular Smooth Muscle Cells, 2107
- Tumor Necrosis Factor- α Activates Smooth Muscle Cell Migration in Culture and Is Expressed in the Balloon-Injured Rat Aorta, 490
- Miniature swine**
- Dietary Fish Oil: Influence on Lesion Regression in the Porcine Model of Atherosclerosis, 688
- Mitochondria**
- Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575
- Modified LDL**
- Both Intracellular and Extracellular Vitamin C Inhibit Atherogenic Modification of LDL by Human Vascular Endothelial Cells, 1583
- Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages, 18
- Fibroblasts That Overexpress 15-Lipoxygenase Generate Bioactive and Minimally Modified LDL, 3639
- Modified LDL Decreases the Binding of Prostaglandin E₂, I₂, and E₁ Onto Monocytes in Patients With Peripheral Vascular Disease, 2066
- Molecular complexes**
- Evidence for an α -Granular Pool of the Cytoskeletal Protein α -Actinin in Human Platelets That Redistributions With the Adhesive Glycoprotein Thrombospondin-1 During the Exocytic Process, 2293
- Molecular signaling**
- Early Activation Signals in Endothelial Cells, 423
- Mono Mac 6 cells**
- Acetylated LDL Endocytosis by the Human Monocytic Mono Mac 6s Cells Is Not Mediated by the Macrophage Types I and II Scavenger Receptors, 1024
- Monoclonal antibody**
- Binding Properties and Inhibition of Platelet Aggregation by a Monoclonal Antibody to CD31 (PECAM-1), 3154
- Monocyte adhesion**
- Fibroblasts That Overexpress 15-Lipoxygenase Generate Bioactive and Minimally Modified LDL, 3639
- Monocyte-derived macrophages**
- Downregulation of the Selectin Ligand-Producing Fucosyltransferases Fuc-TIV and Fuc-TVII During Foam Cell Formation in Monocyte-Derived Macrophages, 1591
- Monocytes**
- 7E3 Monoclonal Antibody Directed Against the Platelet Glycoprotein IIb/IIIa Cross-reacts With the Leukocyte Integrin Mac-1 and Blocks Adhesion to Fibrinogen and ICAM-1, 528
- Acetylated LDL Endocytosis by the Human Monocytic Mono Mac 6s Cells Is Not Mediated by the Macrophage Types I and II Scavenger Receptors, 1024
- Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine, 3557
- Calreticulin, a Potential Vascular Regulatory Protein, Reduces Intimal Hyperplasia After Arterial Injury, 2359
- Cytokine Modulation of LDL Oxidation by Activated Human Monocytes, 1954
- Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901
- Effect of Advanced Glycation End Product-Modified Albumin on Tissue Factor Expression by Monocytes: Role of Oxidant Stress and Protein Tyrosine Kinase Activation, 2885
- Effect of Human Recombinant Interleukin-6 and Interleukin-8 on Monocyte Procoagulant Activity, 3399
- Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979
- Lipoprotein(a) Isoforms Display Differences in Affinity for Plasminogen-Like Binding to Human Mononuclear Cells, 2036
- Modified LDL Decreases the Binding of Prostaglandin E₂, I₂, and E₁ Onto Monocytes in Patients With Peripheral Vascular Disease, 2066
- P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes, 310
- Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429
- Monocytes/macrophages**
- Evidence for Hormone-Sensitive Lipase mRNA Expression in Human Monocyte/Macrophages, 3428

Monounsaturated fat

- Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088
 Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657

Mortality

- Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224

Motility

- Shear Stress Gradients Remodel Endothelial Monolayers in Vitro via a Cell Proliferation-Migration-Loss Cycle, 3102

Mouse cardiac allograft

- Sustained Anti-CD4/CD8 Treatment Blocks Inflammatory Activation and Intimal Thickening in Mouse Heart Allografts, 2115

MRFIT

- Homocyst(e)ine and Risk of Cardiovascular Disease in the Multiple Risk Factor Intervention Trial, 1947

mRNA

- Importance of Estrogen Receptors in Hepatic LDL Receptor Regulation, 1800

- Inhibition of HMG-CoA Reductase by Atorvastatin Decreases Both VLDL and LDL Apolipoprotein B Production in Miniature Pigs, 2589

- Inhibition of Platelet-Derived Growth Factor BB-Induced Expression of Glyceraldehyde-3-Phosphate Dehydrogenase by Sodium Butyrate in Rat Vascular Smooth Muscle Cells, 3420

- Upregulation of Low Density Lipoprotein Receptor by Gemfibrozil, a Hypolipidemic Agent, in Human Hepatoma Cells Through Stabilization of mRNA Transcripts, 2707

MTHFR mutation

- Hyperhomocyst(e)inemia and a Common Methylenetetrahydrofolate Reductase Mutation (Ala223Val MTHFR) in Patients With Inherited Thrombophilic Coagulation Defects, 2924

Multicenter study

- Contribution of Factor VII Genotype to Activated FVII Levels: Differences in Genotype Frequencies Between Northern and Southern European Populations, 2548

Multivariate

- Shared and Unique Genetic Effects Among Seven HDL Phenotypes, 859

Muscarinic receptors

- Endothelin-Dependent Vasodilation and Tissue-Type Plasminogen Activator Release in Borderline Hypertension, 3376

Mutations

- A Prothrombin Gene Mutation Is Significantly Associated With Venous Thrombosis, 2875

- Apolipoprotein A-I_{FIN} (Leu159→Arg) Mutation Affects Lecithin: Cholesterol Acyltransferase Activation and Subclass Distribution of HDL but Not Cholesterol Efflux From Fibroblasts, 3021

- Apolipoprotein A-I_{Fin}: Dominantly Inherited Hypoalphalipoproteinemia Due to a Single Base Substitution in the Apolipoprotein A-I Gene, 83

- Comparison of the Genetic Defect with LDL-Receptor Activity in Cultured Cells from Patients With a Clinical Diagnosis of Heterozygous Familial Hypercholesterolemia, 3092

- Correlation of a Common Mutation in the Methylenetetrahydrofolate Reductase Gene With Plasma Homocysteine in Patients With Premature Coronary Artery Disease, 569

- Deficiency of Cholesteryl Ester Transfer Protein: Description of the Molecular Defect and the Dissociation of Cholesteryl Ester and Triglyceride Transport in Plasma, 3433

- Ethnic Variation and In Vivo Effects of the -93t→g Promoter Variant in the Lipoprotein Lipase Gene, 2672

- Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia, 3332

- Skipping of Exon 14 and Possible Instability of Both the mRNA and the Resultant Truncated Protein Underlie a Common Cholesteryl Ester Transfer Protein Deficiency in Japanese, 1376

- The Effects of Folic Acid Supplementation on Plasma Total Homocysteine Are Modulated by Multivitamin Use and Methylenetetrahydrofolate Reductase Genotypes, 1157

Myeloperoxidase

- Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855

Myocardial infarction

- Alu-repeat Polymorphism in the Gene Coding for Tissue-Type Plasminogen Activator (t-PA) and Risks of Myocardial Infarction Among Middle-aged Men, 1687

- Antibodies Against Cardiolipin and Oxidatively Modified LDL in 50-Year-Old Men Predict Myocardial Infarction, 3159

- Bcl I* Polymorphism in the Fibrinogen β -Chain Gene Is Associated With the Risk of Familial Myocardial Infarction by Increasing Plasma Fibrinogen Levels: A Case-Control Study in a Sample of GISSI-2 Patients, 3489

- Coagulation Factor VII and the Risk of Coronary Heart Disease in Healthy Men, 1539

- Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat, 1985

- Persistent Thrombin Generation During Heparin Therapy in Patients With Acute Coronary Syndromes, 1325

- Plasma Protein C Inhibitor Is Elevated in Survivors of Myocardial Infarction, 114

- Plasminogen Activator Inhibitor-1 Promoter 4G/5G Genotype and Plasma Levels in Relation to a History of Myocardial Infarction in Patients Characterized by Coronary Angiography, 33

- Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695

- The II Genotype of the Angiotensin-Converting Enzyme Gene Delays the Onset of Acute Coronary Syndromes, 1730

- The Relationship of Soluble Fibrin and Cross-linked Fibrin Degradation Products to the Clinical Course of Myocardial Infarction, 628

Myofibroblast

- Vascular Myofibroblasts: Lessons From Coronary Repair and Remodeling, 417

Myosin isoforms

- Myosin Gene Expression and Cell Phenotypes in Vascular Smooth Muscle During Development, in Experimental Models, and in Vascular Disease, 1210

N**Natriuretic peptide, atrial, brain, and C-type**

- Natriuretic Peptide Family as a Novel Antimigration Factor of Vascular Smooth Muscle Cells, 731

NCEP diet

- ApoE Genotype Does Not Predict Lipid Response to Changes in Dietary Saturated Fatty Acids in a Heterogeneous Normolipidemic Population, 2914

- Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375

Necrosis

- Oxidized LDLs Induce Massive Apoptosis of Cultured Human Endothelial Cells Through a Calcium-Dependent Pathway: Prevention by Aurintricarboxylic Acid, 331

Neointima

- Adenovirus-Mediated Transfer of a Dominant-Negative H-ras Suppresses Neointimal Formation in Balloon-Injured Arteries In Vivo, 898

- Apoptosis After Stent Implantation Compared With Balloon Angioplasty in Rabbits: Role of Macrophages, 2383

- Cellular Heterogeneity of the Vascular Tunica Media: Implications for Vessel Wall Repair, 1868

- Fibrinogen) and von Willebrand Factor Deposition Are Associated With Intimal Thickening After Balloon Angioplasty of the Rabbit Carotid Artery, 634
- Induction of Nitric Oxide Synthase in the Neointima Induced by a Pariarterial Collar in Rabbits, 737
- Induction of Vascular SMC Proliferation by Urokinase Indicates a Novel Mechanism of Action in Vasoproliferative Disorders, 2848
- Localization of Lipoprotein(a) in a Monkey Model of Rapid Neointimal Growth, 181
- Neutralizing Antibodies Directed Against Osteopontin Inhibit Rat Carotid Neointimal Thickening After Endothelial Denudation, 188
- Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649
- Short-term Exposure to Thapsigargin Inhibits Neointima Formation in Human Saphenous Vein, 2500
- Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery, 3174
- Nephrosis**
- Cardiovascular Risk Factors and Hyalinization of Renal Arteries at Autopsy: The Honolulu Heart Program, 760
- Lipoprotein Kinetics in Patients With Analbuminemia: Evidence for the Role of Serum Albumin in Controlling Lipoprotein Metabolism, 1369
- Role of Lipoprotein-Bound NEFAs in Enhancing the Specific Activity of Plasma CETP in the Nephrotic Syndrome, 2559
- Neuropeptide**
- Inhibition of Proliferation and Stimulation of Migration of Endothelial Cells by Secretoneurin In Vitro, 932
- Neutral cholesterol esterase**
- Cholesterol-Mediated Changes of Neutral Cholesterol Esterase Activity in Macrophages: Mechanism for Mobilization of Cholestrylyl Esters in Lipid Droplets by HDL, 3033
- Neutrophils**
- Importance of Platelets in Neutrophil Adhesion and Vasoconstriction After Arterial Injury by Angioplasty in Pigs, 1185
- The Antiadhesive and Antithrombotic Effects of the Nitric Oxide Donor SIN-1 Are Combined With a Decreased Vasoconstriction in a Porcine Model of Balloon Angioplasty, 1806
- New Zealand White rabbit**
- Antiatherogenic Effects of a Novel Lipoprotein Lipase-Enhancing Agent in Cholesterol-Fed New Zealand White Rabbits, 2601
- Nifedipine**
- Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979
- Nitric oxide**
- Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine, 3557
- Androgen Deprivation Is Associated With Enhanced Endothelium-Dependent Dilatation in Adult Men, 2004
- Changes With Age in the Influence of Endogenous Nitric Oxide on Transport Properties of the Rabbit Aortic Wall Near Branches, 1361
- Expression and Function of Recombinant Endothelial NO Synthase in Coronary Artery Smooth Muscle Cells, 2405
- Genetic Contribution of the Endothelial Constitutive Nitric Oxide Synthase Gene to Plasma Nitric Oxide Levels, 3147
- Induction and Role of NO Synthase in Hypotensive Hepatic Failure, 3079
- Induction of Nitric Oxide Synthase in the Neointima Induced by a Pariarterial Collar in Rabbits, 737
- Inhibition of Inducible Nitric Oxide Synthase Restores Endothelium-Dependent Relaxations in Proinflammatory Mediator-Induced Blood Vessels, 1746
- Nitric Oxide Mediates LDL Uptake in the Artery Wall in Response to High Concentrations of 17 β -Estradiol, 2123
- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394
- The Antiadhesive and Antithrombotic Effects of the Nitric Oxide Donor SIN-1 Are Combined With a Decreased Vasoconstriction in a Porcine Model of Balloon Angioplasty, 1806
- Vascular Endothelial Growth Factor/Vascular Permeability Factor Produces Nitric Oxide-Dependent Hypotension: Evidence for a Maintenance Role in Quiescent Adult Endothelium, 2793
- Vascular Superoxide Dismutase Deficiency Impairs Endothelial Vasodilator Function Through Direct Inactivation of Nitric Oxide and Increased Lipid Peroxidation, 2975
- Nitric oxide synthase**
- Expression and Function of Recombinant Endothelial NO Synthase in Coronary Artery Smooth Muscle Cells, 2405
- Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels, 2479
- Increased Blood Flow Induces Regression of Intimal Hyperplasia, 2245
- Induction of Nitric Oxide Synthase in the Neointima Induced by a Pariarterial Collar in Rabbits, 737
- Inhibition of Inducible Nitric Oxide Synthase Restores Endothelium-Dependent Relaxations in Proinflammatory Mediator-Induced Blood Vessels, 1746
- N*- α -Tosyl-L-Lysine Chloromethylketone Prevents Expression of iNOS in Vascular Smooth Muscle by Blocking Activation of NF- κ B, 672
- Nitric Oxide Mediates LDL Uptake in the Artery Wall in Response to High Concentrations of 17 β -Estradiol, 2123
- Nitric oxide synthases**
- Nitric Oxide Synthases and Cardiac Muscle: Autocrine and Paracrine Influences, 1846
- Nitrite and nitrate**
- Plasma Levels of Nitrite/Nitrate and Platelet cGMP Levels Are Decreased in Patients With Atrial Fibrillation, 3191
- NO-1886**
- Antithrombotic Effects of a Novel Lipoprotein Lipase-Enhancing Agent in Cholesterol-Fed New Zealand White Rabbits, 2601
- Nonenesterified fatty acids**
- Defects of Insulin Action on Fatty Acid and Carbohydrate Metabolism in Familial Combined Hyperlipidemia, 748
- Nonhuman primates**
- Effects of Contraceptive Estrogen and Progestin on the Atherogenic Potential of Plasma LDLs in Cynomolgus Monkeys, 1216
- Localization of Lipoprotein(a) in a Monkey Model of Rapid Neointimal Growth, 181
- North Karelia**
- Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia, 3332
- Notoginsenoside R1**
- Notoginsenoside R1 Counteracts Endotoxin-Induced Activation of Endothelial Cells In Vitro and Endotoxin-Induced Lethality in Mice In Vivo, 465
- NS-398**
- HDL-Induced Prostacyclin Release in Smooth Muscle Cells Is Dependent on Cyclooxygenase-2 (Cox-2), 3481
- Nuclear factor- κ B**
- Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901
- N*- α -Tosyl-L-Lysine Chloromethylketone Prevents Expression of iNOS in Vascular Smooth Muscle by Blocking Activation of NF- κ B, 672
- Nucleotides**
- Comparison of the Genetic Defect with LDL-Receptor Activity in Cultured Cells from Patients With a Clinical Diagnosis of Heterozygous Familial Hypercholesterolemia, 3092
- Overexpression of the P2Y₂ Purinoceptor in Intimal Lesions of the Rat Aorta, 3602
- Nutrition**
- Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384

Lipoprotein Lipid Response to the National Cholesterol Education Program Step II Diet by Hypercholesterolemic and Combined Hyperlipidemic Women and Men, 375

O

Obesity

Arterial Compliance in Obese Subjects Is Improved With Dietary Plant n-3 Fatty Acid From Flaxseed Oil Despite Increased LDL Oxidizability, 1163
 Extent and Composition of Coronary Lesions and Degree of Cardiac Hypertrophy in Relation to Abdominal Fatness in Men Under 40 Years of Age, 574
 Regulation of Body Adiposity and the Problem of Obesity, 233
 Sex Differences in Visceral Fat Lipolysis and Metabolic Complications of Obesity, 1472

Oncostatin M

Liver LDL Receptor mRNA Expression Is Decreased in Human ApoB/CETP Double Transgenic Mice and Is Regulated by Diet as Well as the Cytokine Oncostatin M, 2948

Oral anticoagulants

D-Dimer and Anticoagulation in Patients With Mechanical Prosthetic Heart Valves: A 2-Year Follow-up, 1320

Oral contraceptives

Folic Acid Deficiency Enhances Oral Contraceptive-Induced Platelet Hyperactivity, 1939

Osteoglycin

Identification of Osteoglycin as a Component of the Vascular Matrix: Differential Expression by Vascular Smooth Muscle Cells During Neointima Formation and in Atherosclerotic Plaques, 2437

Osteopontin

Detection of Osteopontin in Calcified Human Aortic Valves, 547
 Neutralizing Antibodies Directed Against Osteopontin Inhibit Rat Carotid Neointimal Thickening After Endothelial Denudation, 188

Oxidation

Circulating Autoantibodies Recognizing Peroxidase-Oxidized Low Density Lipoprotein: Evidence for New Antigenic Epitopes Formed In Vivo Independently From Lipid Peroxidation, 134

Effect of Advanced Glycation End Product-Modified Albumin on Tissue Factor Expression by Monocytes: Role of Oxidant Stress and Protein Tyrosine Kinase Activation, 2885

Effect of Probucol Treatment on Gene Expression of VCAM-1, MCP-1, and M-CSF in the Aortic Wall of LDL Receptor-Deficient Rabbits During Early Atherogenesis, 1289

Fatty Streak Formation in Fat-Fed Mice Expressing Human Copper-Zinc Superoxide Dismutase, 1734

Folic Acid Deficiency Enhances Oral Contraceptive-Induced Platelet Hyperactivity, 1939

Impact of a Combination of a Calcium Antagonist and a β -Blocker on Cell- and Copper-Mediated Oxidation of LDL and on the Accumulation and Efflux of Cholesterol in Human Macrophages and Murine J774 Cells, 979

Increased Oxidation of LDL in Patients With Coronary Artery Disease Is Independent From Dietary Vitamins E and C, 1432

Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575

Two Alleles of the Human Paraoxonase Gene Produce Different Amounts of mRNA: An Explanation for Differences in Serum Concentrations of Paraoxonase Associated With the (Leu-Met54) Polymorphism, 2935

Uptake of Type III Hypertriglyceridemic VLDL by Macrophages Is Enhanced by Oxidation, Especially After Remnant Formation, 1707

Vascular Superoxide Dismutase Deficiency Impairs Endothelial Vasodilator Function Through Direct Inactivation of Nitric Oxide and Increased Lipid Peroxidation, 2975

Vitamin E/Lipid Peroxide Ratio and Susceptibility of LDL to Oxidative Modification in Non-Insulin-Dependent Diabetes Mellitus, 1438

Oxidized β -VLDL

β -VLDL Hypercholesterolemia Relative to LDL Hypercholesterolemia Is Associated With Higher Levels of Oxidized Lipoproteins and a More Rapid Progression of Coronary Atherosclerosis in Rabbits, 2376

Oxidized LDL

β -VLDL Hypercholesterolemia Relative to LDL Hypercholesterolemia Is Associated With Higher Levels of Oxidized Lipoproteins and a More Rapid Progression of Coronary Atherosclerosis in Rabbits, 2376

Antibodies Against Cardiolipin and Oxidatively Modified LDL in 50-Year-Old Men Predict Myocardial Infarction, 3159

DNA Fragmentation and Ultrastructural Changes of Degenerating Cells in Atherosclerotic Lesions and Smooth Muscle Cells Exposed to Oxidized LDL in Vitro, 2225

Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901

Evidence That Human Fc γ Receptor IIA (CD32) Subtypes Are Not Receptors for Oxidized LDL, 3248

Genistein, the Dietary-Derived Angiogenesis Inhibitor, Prevents LDL Oxidation and Protects Endothelial Cells From Damage by Atherogenic LDL, 2868

HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158

Human Monocyte-Derived Macrophages Express an \approx 120-kD Ox-LDL Binding Protein With Strong Identity to CD68, 3107

Inhibitory Effects of Hypercholesterolemia and Ox-LDL on Angiogenesis-like Endothelial Growth in Rabbit Aortic Explants: Essential Role of Basic Fibroblast Growth Factor, 1303

Oxidized LDL Mediates the Release of Fibroblast Growth Factor-1, 445

Oxidized LDLs Induce Massive Apoptosis of Cultured Human Endothelial Cells Through a Calcium-Dependent Pathway: Prevention by Aurintricarboxylic Acid, 331

Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855

Peroxidation of LDL From Combined-Hyperlipidemic Male Smokers Supplied With ω -3 Fatty Acids and Antioxidants, 2576

Plasma LDL Oxidation Leads to Its Aggregation in the Atherosclerotic Apolipoprotein E-Deficient Mice, 2995

Platelet-Activating Factor and Oxidized LDL Induce Immune Activation by a Common Mechanism, 963

Tetradecylthioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation in Vitro, 3255

Two Intracellular Signaling Pathways for Activation of Protein Kinase C Are Involved in Oxidized Low-Density Lipoprotein-Induced Macrophage Growth, 3013

Oxidized lipids

Lipid Oxidation Products Have Opposite Effects on Calcifying Vascular Cell and Bone Cell Differentiation: A Possible Explanation for the Paradox of Arterial Calcification in Osteoporotic Patients, 680

Macrophages Isolated From Human Atherosclerotic Plaques Produce IL-8, and Oxyterols May Have a Regulatory Function for IL-8 Production, 317

Platelet Integrin $\alpha_{IIb} \beta_3$ (GPIIb-IIIa) Is Not Implicated in the Binding of LDL to Intact Resting Platelets, 156

The Effect of Oxidizing Cholesterol on Gastrointestinal Absorption, Plasma Clearance, Tissue Distribution, and Processing by Endothelial Cells, 778

Oxygen radicals

Shear Stress Inhibits H₂O₂-Induced Apoptosis of Human Endothelial Cells by Modulation of the Glutathione Redox Cycle and Nitric Oxide Synthase, 3588

P

P-selectin

Long-term Probucol Treatment Reverses the Severity of Myocardial Injury in Watanabe Heritable Hyperlipidemic Rabbits, 2801

P21

Topographical Association Between the Cyclin-Dependent Kinases Inhibitor P21, p53 Accumulation, and Cellular Proliferation in Human Atherosclerotic Tissue, 2218

P53

Topographical Association Between the Cyclin-Dependent Kinases Inhibitor P21, p53 Accumulation, and Cellular Proliferation in Human Atherosclerotic Tissue, 2218

PAI-1

Alu-repeat Polymorphism in the Gene Coding for Tissue-Type Plasminogen Activator (t-PA) and Risks of Myocardial Infarction Among Middle-aged Men, 1687

Antifibrinolytic Properties of the Vascular Wall: Dependence on the History of Smooth Muscle Cell Doublings in Vitro and In Vivo, 723

Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium: A Study of Aortic and Microvascular Endothelial Cell Lines, 454

Changes in Arterial Expression of Fibrinolytic System Proteins in Atherogenesis, 3294

Endothelium-Dependent Vasodilation and Tissue-Type Plasminogen Activator Release in Borderline Hypertension, 3376

Fibrinolytic Activity Is Similar in Physically Active Men With and Without a History of Myocardial Infarction, 1106

Fibrinolytic Function After Dietary Supplementation With ω_3 Polyunsaturated Fatty Acids, 814

Five Frequent Polymorphisms of the PAI-1 Gene: Lack of Association Between Genotypes, PAI Activity, and Triglyceride Levels in a Healthy Population, 851

Gender Differences in the Relationships Between Plasma Plasminogen Activator Inhibitor-1 Activity and Factors Linked to the Insulin Resistance Syndrome in Essential Hypertension, 553

Gene Polymorphisms Predicting High Plasma Levels of Coagulation and Fibrinolysis Proteins: A Study in Centenarians, 755

Genotype-Specific Transcriptional Regulation of PAI-1 Expression by Hypertriglyceridemic VLDL and Lp(a) in Cultured Human Endothelial Cells, 3215

Intracellular Calcium Mobilization Suppresses the TNF- α -Stimulated Synthesis of PAI-1 in Human Endothelial Cells: Indications That Calcium Acts at a Translational Level, 1550

Moderate Genetic Influences on Plasma Levels of Plasminogen Activator Inhibitor-1 and Evidence of Genetic and Environmental Influences Shared by Plasminogen Activator Inhibitor-1, Triglycerides, and Body Mass Index, 2776

Notoginsenoside R1 Counteracts Endotoxin-Induced Activation of Endothelial Cells In Vitro and Endotoxin-Induced lethality in Mice In Vivo, 465

Plasma Protein C Inhibitor Is Elevated in Survivors of Myocardial Infarction, 114

Plasminogen Activator Inhibitor-1 (PAI-1) Antigen Plasma Levels in Subjects Attending a Metabolic Ward: Relation to Polymorphisms of PAI-1 and Angiotensin Converting Enzyme (ACE) Genes, 2082

Plasminogen Activator Inhibitor-1 Promoter 4G/5G Genotype and Plasma Levels in Relation to a History of Myocardial Infarction in Patients Characterized by Coronary Angiography, 33

Polymorphism of Angiotensin Converting Enzyme Gene Is Associated With Circulating Levels of Plasminogen Activator Inhibitor-1, 3242

Studies on the Mechanism of Fibrate-Inhibited Expression of Plasminogen Activator Inhibitor-1 in Cultured Hepatocytes From Cynomolgus Monkey, 26

Paracetamol

Paracetamol Catalyzes Myeloperoxidase-Initiated Lipid Oxidation in LDL, 2855

Paraoxonase

A ^{192}Arg Variant of the Human Paraoxonase (*HUMPONA*) Gene Polymorphism Is Associated With an Increased Risk for Coronary Artery Disease in the Japanese, 3565

Common Genomic Variants Associated With Variation in Plasma Lipoproteins in Young Aboriginal Canadians, 1060
Genetic Polymorphism of Paraoxonase and the Risk of Coronary Heart Disease, 1067

Increased Immunolocalization of Paraoxonase, Clusterin, and Apolipoprotein A-I in the Human Artery Wall With the Progression of Atherosclerosis, 1233

Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744

Parathyroid hormone

Parathyroid Hormone-Related Peptide as a Local Regulator of Vascular Calcification: Its Inhibitory Action on In Vitro Calcification by Bovine Vascular Smooth Muscle Cells, 1135

PCR

A Prothrombin Gene Mutation Is Significantly Associated With Venous Thrombosis, 2875

Effect of Probucol Treatment on Gene Expression of VCAM-1, MCP-1, and M-CSF in the Aortic Wall of LDL Receptor-Deficient Rabbits During Early Atherogenesis, 1289

Expression of Matrix Metalloproteinases and Their Inhibitor TIMP-1 in the Rat Carotid Artery After Balloon Injury, 1837

Five Frequent Polymorphisms of the PAI-1 Gene: Lack of Association Between Genotypes, PAI Activity, and Triglyceride Levels in a Healthy Population, 851

Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia, 3332

PD123319

Differential Roles of AT₁ and AT₂ Receptor Subtypes in Vascular Trophic and Phenotypic Changes in Response to Stimulation With Angiotensin II, 257

PDGF

Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells In Vitro, 2897

Egr-1 Is Activated in Endothelial Cells Exposed to Fluid Shear Stress and Interacts With a Novel Shear-Stress-Response Element in the PDGF A-Chain Promoter, 2280

Inhibition of Platelet-Derived Growth Factor BB-Induced Expression of Glyceraldehyde-3-Phosphate Dehydrogenase by Sodium Butyrate in Rat Vascular Smooth Muscle Cells, 3420

Platelet-Derived Growth Factor β -Receptors Can Both Promote and Inhibit Chemotaxis in Human Vascular Smooth Muscle Cells, 2622

Quantitation of Platelet-Derived Growth Factor Receptors in Human Arterial Smooth Muscle Cells In Vitro, 2395

PDGF receptors

PDGF Receptor Protein Tyrosine Kinase Expression in the Balloon-Injured Rat Carotid Artery, 1283

Quantitation of Platelet-Derived Growth Factor Receptors in Human Arterial Smooth Muscle Cells In Vitro, 2395

Percutaneous transluminal angioplasty

Role of Hemostatic Risk Factors for Restenosis in Peripheral Arterial Occlusive Disease After Transluminal Angioplasty, 3208

The Watanabe Heritable Hyperlipidemic Rabbit Is a Suitable Experimental Model to Study Differences in Tissue Response Between Intimal and Medial Injury After Balloon Angioplasty, 3611

Perfusion

Platelet Activation in Flowing Blood Passing Growing Arterial Thrombi, 1331

Periarterial collar

Induction of Nitric Oxide Synthase in the Neointima Induced by a Periarterial Collar in Rabbits, 737

Pericytes

Human Brain Pericytes Differentially Regulate Expression of Procoagulant Enzyme Complexes Comprising the Extrinsic Pathway of Blood Coagulation, 1

Peripheral arterial occlusive disease

Role of Hemostatic Risk Factors for Restenosis in Peripheral Arterial Occlusive Disease After Transluminal Angioplasty, 3208

Permeability

Changes With Age in the Influence of Endogenous Nitric Oxide on Transport Properties of the Rabbit Aortic Wall Near Branches, 1361

Endothelial Permeability for Macromolecules: Mechanistic Aspects of Pathophysiological Modulation, 1018

Peroxidases

Circulating Autoantibodies Recognizing Peroxidase-Oxidized Low Density Lipoprotein: Evidence for New Antigenic Epitopes Formed In Vivo Independently From Lipid Peroxidation, 134

Peroxisome proliferator-activated receptor

Studies on the Mechanism of Fibrate-Inhibited Expression of Plasminogen Activator Inhibitor-1 in Cultured Hepatocytes From Cynomolgus Monkey, 26

Pharmacology

Early Administration of Intravenous Magnesium Inhibits Arterial Thrombus Formation, 3620

Phenotype

Familial Hypercholesterolemia in the Finnish North Karelia: A Molecular, Clinical, and Genealogical Study, 3127

Role of Tyrosine Kinases in Extracellular Matrix-Mediated Modulation of Arterial Smooth Muscle Cell Phenotype, 1977

Phosphatidylcholine

Involvement of Phosphatidylcholine Hydrolysis by Phospholipase D in Extracellular ATP-Induced Arachidonic Acid Release in Aortic Smooth Muscle Cells, 295

Phosphatidylethanolamine

HDL Phospholipid Content and Composition as a Major Factor Determining Cholesterol Efflux Capacity From Fu5AH Cells to Human Serum, 2685

Phospholipase and phospholipids

Altered Transfer of Cholesteryl Esters and Phospholipids in Plasma From Alcohol Abusers, 2940

Antibodies Against Cardiolipin and Oxidatively Modified LDL in 50-Year-Old Men Predict Myocardial Infarction, 3159

Expression of Phospholipase A₂ Isoforms in Human Normal and Atherosclerotic Arterial Wall, 2257

Involvement of Phosphatidylcholine Hydrolysis by Phospholipase D in Extracellular ATP-Induced Arachidonic Acid Release in Aortic Smooth Muscle Cells, 295

Lysophosphatidylcholine Inhibits Receptor-Mediated Ca²⁺ Mobilization in Intact Endothelial Cells of Rabbit Aorta, 1561

Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630

Phosphorylation

Endothelial Permeability for Macromolecules: Mechanistic Aspects of Pathophysiological Modulation, 1018

Phytoestrogens

Soy Protein Versus Soy Phytoestrogens in the Prevention of Diet-Induced Coronary Artery Atherosclerosis of Male Cynomolgus Monkeys, 2524

Phytosterols

"Tall Oil"-Derived Phytosterols Reduce Atherosclerosis in ApoE-Deficient Mice, 119

PI-3 kinase

PDGF Receptor Protein Tyrosine Kinase Expression in the Balloon-Injured Rat Carotid Artery, 1283

Pigs

Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737

Placenta

Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665

Plaque disruption

Relation of Plaque Lipid Composition and Morphology to the Stability of Human Aortic Plaques, 1337

The Unstable Atheroma, 1859

Plasma cholesterol

Association of Apolipoprotein Genetic Polymorphisms With Plasma Cholesterol in a Japanese Rural Population: The Shibata Study, 3495

Plasma lipids

A Partial Estrogen Receptor Agonist With Strong Antiatherogenic Properties Without Noticeable Effect on Reproductive Tissue in Cholesterol-Fed Female and Male Rabbits, 2264

Effect of 17 β -Estradiol on Plasma Lipids and LDL Oxidation in Postmenopausal Women With Type II Diabetes Mellitus, 324

Plasma triglycerides

A Common Mutation in the Lipoprotein Lipase Gene Promoter, -93T/G, Is Associated With Lower Plasma Triglyceride Levels and Increased Promoter Activity In Vitro, 1969

Effects of Dietary Fat Quality and Quantity on Postprandial Activation of Blood Coagulation Factor VII, 2904

Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542

Plasmin

Complement C5b-9 Increases Plasminogen Binding and Activation on Human Endothelial Cells, 164

Plasminogen

Lipoprotein(a) Isoforms Display Differences in Affinity for Plasminogen-Like Binding to Human Mononuclear Cells, 2036

Platelet activation

Continued Thromboxane A₂ Formation Despite Administration of a Platelet Glycoprotein IIb/IIIa Antagonist in Patients Undergoing Coronary Angioplasty, 3224

Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherosclerosis, 954

Platelet-Activating Factor and Oxidized LDL Induce Immune Activation by a Common Mechanism, 963

Platelet Activation in Flowing Blood Passing Growing Arterial Thrombi, 1331

Shear-Induced Platelet Activation and Platelet Microparticle Formation at Blood Flow Conditions as in Arteries With a Severe Stenosis, 646

Platelet aggregation

α IIb β 3 Redistribution Triggered by Receptor Cross-Linking, 3311

Binding Properties and Inhibition of Platelet Aggregation by a Monoclonal Antibody to CD31 (PECAM-1), 3154

Interactions Between Dietary Fat, Fish, and Fish Oils and Their Effects on Platelet Function in Men at Risk of Cardiovascular Disease, 279

Structural Aspects of Heparin Responsible for Interactions With von Willebrand Factor, 925

Platelet cGMP levels

Plasma Levels of Nitrite/Nitrate and Platelet cGMP Levels Are Decreased in Patients With Atrial Fibrillation, 3191

Platelet detachment

Shear Stress-Induced Detachment of Blood Platelets From Various Surfaces, 3202

Platelet exocytosis

Evidence for an α -Granular Pool of the Cytoskeletal Protein α -Actinin in Human Platelets That Redistributions With the Adhesive Glycoprotein Thrombospondin-1 During the Exocytic Process, 2293

Platelet function

Folic Acid Deficiency Enhances Oral Contraceptive-Induced Platelet Hyperactivity, 1939

No Influence of Simvastatin Treatment on Platelet Function In Vivo in Patients With Hypercholesterolemia, 273

Platelet integrin $\alpha_{IIb}\beta_3$

Platelet Integrin $\alpha_{IIb}\beta_3$ (GPIIb-IIIa) Is Not Implicated in the Binding of LDL to Intact Resting Platelets, 156

Platelet thromboxane

Interactions Between Dietary Fat, Fish, and Fish Oils and Their Effects on Platelet Function in Men at Risk of Cardiovascular Disease, 279

Platelets

Altered Platelet Function Detected by Flow Cytometry: Effects of Coronary Artery Disease and Age, 2044

Effects of Short-term Exercise on Female Platelet Function During Different Phases of the Menstrual Cycle, 1682

Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278

Importance of Platelets in Neutrophil Adhesion and Vasoconstriction After Arterial Injury by Angioplasty in Pigs, 1185

Megakaryocyte Ploidy and Platelet Changes in Human Diabetes and Atherosclerosis, 802

Native Macromolecular Heparin Proteoglycans Exocytosed From Stimulated Rat Serosal Mast Cells Strongly Inhibit Platelet-Collagen Interactions, 3578

Signal Transduction Through Trimeric G Proteins in Megakaryoblastic Cell Lines, 1830

Structural Aspects of Heparin Responsible for Interactions With von Willebrand Factor, 925

Thrombin-Induced Thromboxane Synthesis by Human Platelets: Properties of an Anion Binding Exosite I-Independent Receptor, 3519

Triggering of $\beta 1$ -Integrin Chain Induces Platelet Adhesion to Cultured Endothelium, 2663

PLC_{γ1}

A Role for Tyrosine Phosphorylation in Generation of Inositol Phosphates and Prostacyclin Production in Endothelial Cells, 287

Pleiotropy

Cross-Trait Familial Resemblance for Body Fat and Blood Lipids: Familial Correlations in the Quebec Family Study, 3270

Shared and Unique Genetic Effects Among Seven HDL Phenotypes, 859

Polygenic traits

Common Genomic Variants Associated With Variation in Plasma Lipoproteins in Young Aboriginal Canadians, 1060

Common Genomic Variation in the *APOC3* Promoter Associated With Variation in Plasma Lipoproteins, 2753

Genetic Variation in Factor VII Associated With Variation in Plasma Lipoprotein(a) Concentration, 1701

Polymorphisms

Bcl I Polymorphism in the Fibrinogen β -Chain Gene Is Associated With the Risk of Familial Myocardial Infarction by Increasing Plasma Fibrinogen Levels: A Case-Control Study in a Sample of GISSI-2 Patients, 3489

Common C-to-T Substitution at Position -480 of the Hepatic Lipase Promoter Associated With Lowered Lipase Activity in Coronary Artery Disease Patients, 2837

Five Frequent Polymorphisms of the PAI-1 Gene: Lack of Association Between Genotypes, PAI Activity, and Triglyceride Levels in a Healthy Population, 851

Genotype Distribution of Estrogen Receptor Polymorphisms in Men and Postmenopausal Women From Healthy and Coronary Populations and Its Relation to Serum Lipid Levels, 3006

Hepatic Lipase Gene Polymorphisms Influence Plasma HDL Levels: Results From Finnish EARS Participants, 1879

Polymorphism of Angiotensin Converting Enzyme Gene Is Associated With Circulating Levels of Plasminogen Activator Inhibitor-1, 3242

Polymorphism of the Apolipoprotein E Gene and Early Carotid Atherosclerosis Defined by Ultrasonography in Asymptomatic Adults, 91

Ser_{447stop} Mutation in Lipoprotein Lipase Is Associated With Elevated HDL Cholesterol Levels in Normolipidemic Males, 595

The Apolipoprotein E and β -Fibrinogen G/A-455 Gene Polymorphisms Are Associated With Ischemic Stroke Involving Large-Vessel Disease, 2880

The Arg⁵⁵Gln Polymorphism Reduces the Level of Coagulation Factor VII: In Vivo and in Vitro Studies, 2825

The Role of a Triplet Repeat Sequence of the Very Low Density Lipoprotein Receptor Gene in Plasma Lipid and Lipoprotein Level Variability in Humans, 2759

Polyphenols

Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744

Polyunsaturated fatty acids

Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088

Porcine carotid arteries

Redistribution of von Willebrand Factor in Porcine Carotid Arteries After Balloon Angioplasty, 1872

Postprandial

Dietary Fat Clearance in Normal Subjects Is Modulated by Genetic Variation at the Apolipoprotein B Gene Locus, 1765

Effects of Dietary Fat Quality and Quantity on Postprandial Activation of Blood Coagulation Factor VII, 2904

Postprandial Elevation of ApoB-48-Containing Triglyceride-Rich Particles and Retinyl Esters in Normolipemic Males Who Smoke, 2096

Pravastatin

A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72

Upregulation of Low Density Lipoprotein Receptor by Gemfibrozil, a Hypolipidemic Agent, in Human Hepatoma Cells Through Stabilization of mRNA Transcripts, 2707

Pre- α lipoproteins & pre- β lipoproteins

Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630

Prevention

Cholesterol Reduction and Clinical Benefit: Are There Limits to Our Expectations? 3527

Effect of α -Tocopherol (Vitamin E) and β -Carotene Supplementation on the Incidence of Intermittent Claudication in Male Smokers, 3475

Preventive strategies

Isolated Low HDL Cholesterol As a Risk Factor for Coronary Heart Disease Mortality: A 21-Year Follow-up of 8000 Men, 107

Probuco

Long-term Probuco Treatment Reverses the Severity of Myocardial Injury in Watanabe Heritable Hyperlipidemic Rabbits, 2801

Procoagulant activity

Vasstatis Inhibit Tissue Factor in Cultured Human Macrophages: A Novel Mechanism of Protection Against Atherosclerosis, 265

Production rate

Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males, 1910

Progesterin

Effects of Short-term Hormone Replacement Therapies on Low-Density Lipoprotein Metabolism in Cynomolgus Monkeys, 1128

Prognosis

Effect of Serum Lipids, Lipoproteins, and Apolipoproteins on Vascular and Nonvascular Mortality in the Elderly, 1224

Proliferation

Apoptosis After Stent Implantation Compared With Balloon Angioplasty in Rabbits: Role of Macrophages, 2383

Dopamine as a Novel Antimigration and Antiproliferative Factor of Vascular Smooth Muscle Cells Through Dopamine D1-Like Receptors, 3164

Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells In Vitro, 2897

Induction of Vascular SMC Proliferation by Urokinase Indicates a Novel Mechanism of Action in Vasoproliferative Disorders, 2848

Inhibition of Proliferation and Stimulation of Migration of Endothelial Cells by Secretoneurin In Vitro, 932

Low-Affinity Thromboxane Receptor Mediates Proliferation in Cultured Vascular Smooth Muscle Cells of Rats, 1274

Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649

Response of Vascular Smooth Muscle Cells to the Neuropeptide Secretoneurin: A Functional Role for Migration and Proliferation In Vitro, 2029

Shear Stress Gradients Remodel Endothelial Monolayers in Vitro via a Cell Proliferation-Migration-Loss Cycle, 3102

Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203

Thrombospondin-1 Is a Potent Mitogen and Chemoattractant for Human Vascular Smooth Muscle Cells, 2107

Promoters

Common C-to-T Substitution at Position -480 of the Hepatic Lipase Promoter Associated With a Lowered Lipase Activity in Coronary Artery Disease Patients, 2837

Ethnic Variation and In Vivo Effects of the -93t→g Promoter Variant in the Lipoprotein Lipase Gene, 2672

Heterogeneity of Endothelial Cells: Specific Markers, 1193

Prospective study

Coagulation Factor VII and the Risk of Coronary Heart Disease in Healthy Men, 1539

Homocyst(e)ine and Risk of Cardiovascular Disease in the Multiple Risk Factor Intervention Trial, 1947

Prostaglandins

A Role for Tyrosine Phosphorylation in Generation of Inositol Phosphates and Prostacyclin Production in Endothelial Cells, 287

Induction of Cyclooxygenase-2 in Human Saphenous Vein and Internal Mammary Artery, 1644

Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429

Protease

Manipulating Angiogenesis: From Basic Science to the Bedside, 605

Protein C

Plasma Protein C Inhibitor Is Elevated in Survivors of Myocardial Infarction, 114

Protein C Activation and Factor Va Inactivation on Human Umbilical Vein Endothelial Cells, 2765

The Thrombomodulin/Protein C/Protein S Anticoagulant Pathway Modulates the Thrombogenic Properties of the Normal Resting and Stimulated Endothelium, 520

Protein kinases

Low-Affinity Thromboxane Receptor Mediates Proliferation in Cultured Vascular Smooth Muscle Cells of Rats, 1274

Parathyroid Hormone-Related Peptide as a Local Regulator of Vascular Calcification: Its Inhibitory Action on In Vitro Calcification by Bovine Vascular Smooth Muscle Cells, 1135

Phosphoproteins Regulated by the Interaction of High-Density Lipoprotein With Human Skin Fibroblasts, 2698

Regulation of Scavenger Receptor Expression in Smooth Muscle Cells by Protein Kinase C: A Role for Oxidative Stress, 969

Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203

Two Intracellular Signaling Pathways for Activation of Protein Kinase C Are Involved in Oxidized Low-Density Lipoprotein-Induced Macrophage Growth, 3013

Protein phosphorylation

Phosphoproteins Regulated by the Interaction of High-Density Lipoprotein With Human Skin Fibroblasts, 2698

Protein S

The Thrombomodulin/Protein C/Protein S Anticoagulant Pathway Modulates the Thrombogenic Properties of the Normal Resting and Stimulated Endothelium, 520

Protein tyrosine kinase inhibitors

Inhibition of Protein Tyrosine Kinases Attenuates Increases in Expression of Transforming Growth Factor- β Isoforms and Their Receptors Following Arterial Injury, 2461

Proteoglycans

Cellular Consequences of the Association of ApoB Lipoproteins With Proteoglycans: Potential Contribution to Atherogenesis, 1011

Effects of Contraceptive Estrogen and Progestin on the Atherogenic Potential of Plasma LDLs in Cynomolgus Monkeys, 1216

Lipoprotein Lipase Can Function as a Monocyte Adhesion Protein, 1414

Prothrombin

A Prothrombin Gene Mutation Is Significantly Associated With Venous Thrombosis, 2875

The Heterozygous 2010 G/A Prothrombin Genotype Is Associated With Early Venous Thrombosis in Inherited Thrombophilias and Is Not Increased in Frequency in Artery Disease, 2418

Tissue Prothrombin: Universal Distribution in Smooth Muscle, 2430

Prothrombinase

Human Brain Pericytes Differentially Regulate Expression of Procoagulant Enzyme Complexes Comprising the Extrinsic Pathway of Blood Coagulation, 1

Puberty

Associations of Age, Adiposity, Menopause, and Alcohol Intake With Low-Density Lipoprotein Subclasses, 1082

Pulmonary hypertension

Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203

Purinergic receptors

Functional Expression of a P_{2Y} ADP Receptor in *Xenopus* Oocytes Injected With Megakaryocyte (CMK 11-5) RNA, 769

Overexpression of the P2Y₂ Purinoceptor in Intimal Lesions of the Rat Aorta, 3602

Q

Quantitative genetics

Genetic Contribution of the Endothelial Constitutive Nitric Oxide Synthase Gene to Plasma Nitric Oxide Levels, 3147

Shared and Unique Genetic Effects Among Seven HDL Phenotypes, 859

R

Rabbits

A Partial Estrogen Receptor Agonist With Strong Antiatherogenic Properties Without Noticeable Effect on Reproductive Tissue in Cholesterol-Fed Female and Male Rabbits, 2264

Alcohol Increases Plasma Levels of Cholesterol Diet-Induced Atherogenic Lipoproteins and Aortic Atherosclerosis in Rabbits, 1091

Dose-Dependent Suppression of Transplant Arteriosclerosis in Aorta-Allografted, Cholesterol-Clamped Rabbits: Suppression Not Eliminated by the Cholesterol-Raising Effect of Cyclosporine, 2515

Effect of Atherosclerosis on Transmural Convection and Arterial Ultrastructure: Implications for Local Intravascular Drug Delivery, 3365

Gender-Specific Differences in the Effects of Testosterone and Estrogen on the Development of Atherosclerosis in Rabbits, 2192

- Human Leukemia Inhibitory Factor Upregulates LDL Receptors on Liver Cells and Decreases Serum Cholesterol in the Cholesterol-Fed Rabbit, 1267**
- Scavenger Receptors Are Present on Rabbit Aortic Endothelial Cells In Vivo, 2369**
- Race**
- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95
- Radiosensitivity**
- Cellular Radiosensitivity, Radioresistant DNA Synthesis, and Defect in Radioinduction of p⁵³ in Fibroblasts From Atherosclerosis Patients, 947
- Rat hepatocytes**
- Cafestol, the Cholesterol-Raising Factor in Boiled Coffee, Suppresses Bile Acid Synthesis by Downregulation of Cholesterol 7 α -Hydroxylase and Sterol 27-Hydroxylase in Rat Hepatocytes, 3064
- Rats**
- Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat, 1985
- Evidence for the Migration of Rat Aortic Endothelial Cells Toward the Heart, 2891
- Expression of Matrix Metalloproteinases and Their Inhibitor TIMP-1 in the Rat Carotid Artery After Balloon Injury, 1837
- Overexpression of the P2Y₂ Purinoceptor in Intimal Lesions of the Rat Aorta, 3602
- Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649
- Reactive oxygen**
- Dysregulation of Monocytic Nuclear Factor- κ B by Oxidized Low-Density Lipoprotein, 1901
- Reactive Oxygen Species Are Involved in Shear Stress-Induced Intercellular Adhesion Molecule-1 Expression in Endothelial Cells, 3570
- Regulation of Scavenger Receptor Expression in Smooth Muscle Cells by Protein Kinase C: A Role For Oxidative Stress, 969
- Receptors**
- Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737
- Inhibition of Protein Tyrosine Kinases Attenuates Increases in Expression of Transforming Growth Factor- β Isoforms and Their Receptors Following Arterial Injury, 2461
- Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia, 3332
- Regulation of Scavenger Receptor Expression in Smooth Muscle Cells by Protein Kinase C: A Role For Oxidative Stress, 969
- Uptake by J774 Macrophages of Very-Low-Density Lipoproteins Isolated from ApoE-Deficient Mice Is Mediated by a Distinct Receptor and Stimulated by Lipoprotein Lipase, 498
- Red wine**
- Reduced Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Following Consumption of Red Wine, or Its Polyphenols Quercetin or Catechin, Is Associated With Reduced Susceptibility of LDL to Oxidation and Aggregation, 2744
- Regenerated endothelium**
- Loss of Arterial Dilatation in the Reendothelialized Area of the Flow-Loaded Rat Common Carotid Artery, 3083
- Regression**
- Dietary Fish Oil: Influence on Lesion Regression in the Porcine Model of Atherosclerosis, 688
- Increased Blood Flow Induces Regression of Intimal Hyperplasia, 2245
- Remnants**
- Uptake of Type III Hypertriglyceridemic VLDL by Macrophages Is Enhanced by Oxidation, Especially After Remnant Formation, 1707
- Remodeling**
- Compensatory Enlargement in Coronary and Femoral Arteries Is Related to Neither the Extent of Plaque-Free Vessel Wall Nor Lesion Eccentricity: A Postmortem Study, 2617
- Remodeling and Shutting: Mechanisms for the Synergistic Effects Between Different Acceptor Particles in the Mobilization of Cellular Cholesterol, 383
- Renal function**
- Excess Prevalence of Fasting and Postmethionine-Loading Hyperhomocysteinemias in Stable Renal Transplant Recipients, 1894
- Renin-angiotensin system**
- Angiotensin-Converting Enzyme Gene and Atherosclerosis, 1245
- Polymorphism of Angiotensin Converting Enzyme Gene Is Associated With Circulating Levels of Plasminogen Activator Inhibitor-1, 3242
- Residual strain**
- Altered Compliance and Residual Strains Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency, 2209
- Restenosis**
- 7E3 Monoclonal Antibody Directed Against the Platelet Glycoprotein IIb/IIIa Cross-reacts With the Leukocyte Integrin Mac-1 and Blocks Adhesion to Fibrinogen and ICAM-1, 528
- Activation of Mitogen-Activated Protein Kinases (ERK/JNK) and AP-1 Transcription Factor in Rat Carotid Arteries After Balloon Injury, 2808
- Effect of Phosphorothioated Oligonucleotides on Neointima Formation in the Rat Carotid Artery: Dissecting the Mechanism of Action, 2326
- Fibrin(ogen) and von Willebrand Factor Deposition Are Associated With Intimal Thickening After Balloon Angioplasty of the Rabbit Carotid Artery, 634
- Localization of Lipoprotein(a) in a Monkey Model of Rapid Neointimal Growth, 181
- Neutralizing Antibodies Directed Against Osteopontin Inhibit Rat Carotid Neointimal Thickening After Endothelial Denudation, 188
- Repeated Balloon Injury of Rat Aorta: A Model of Neointima With Attenuated Inhibition by Heparin, 1649
- Role of Hemostatic Risk Factors for Restenosis in Peripheral Arterial Occlusive Disease After Transluminal Angioplasty, 3208
- The Watanabe Heritable Hyperlipidemic Rabbit Is a Suitable Experimental Model to Study Differences in Tissue Response Between Intimal and Medial Injury After Balloon Angioplasty, 3611
- Restriction fragment length polymorphisms**
- Heterogeneity at the CETP Gene Locus: Influence on Plasma CETP Concentrations and HDL Cholesterol Levels, 560
- Ser⁴⁴⁷_{stop} Mutation in Lipoprotein Lipase Is Associated With Elevated HDL Cholesterol Levels in Normolipidemic Males, 595
- Retinyl palmitate and retinoic acid**
- Dietary Fat Clearance in Normal Subjects Is Modulated by Genetic Variation at the Apolipoprotein B Gene Locus, 1765
- Studies on the Mechanism of Fibrate-Inhibited Expression of Plasminogen Activator Inhibitor-1 in Cultured Hepatocytes From Cynomolgus Monkey, 26
- Thrombomodulin Expression in Bovine Brain Capillaries: Anticoagulant Function of the Blood-Brain Barrier, Regional Differences, and Regulatory Mechanisms, 3139
- Reverse cholesterol transport**
- Altered Transfer of Cholestryll Esters and Phospholipids in Plasma From Alcohol Abusers, 2940
- Apolipoprotein A-I_{FIN} (Leu159 \rightarrow Arg) Mutation Affects Lecithin: Cholesterol Acyltransferase Activation and Subclass Distribution of HDL but Not Cholesterol Efflux From Fibroblasts, 3021

- Apolipoprotein A-I_{Fin}: Dominantly Inherited Hypoalphalipoproteinemia Due to a Single Base Substitution in the Apolipoprotein A-I Gene, 83**
- Cholesteryl Ester Transfer Protein Activity Enhances Plasma Cholesteryl Ester Formation: Studies in CETP Transgenic Mice and Human Genetic CETP Deficiency, 1045**
- Effects of Genotype and Diet on Cholesterol Efflux into Plasma and Lipoproteins of Normal, Apolipoprotein A-I-, and Apolipoprotein E-Deficient Mice, 2010**
- Evidence That Apolipoprotein A-I_{Milano} Has Reduced Capacity, Compared With Wild-Type Apolipoprotein A-I, to Recruit Membrane Cholesterol, 1637**
- HDL Phospholipid Content and Composition as a Major Factor Determining Cholesterol Efflux Capacity From Fu5AH Cells to Human Serum, 2685**
- In Vivo Glucosylated LpA-I Subfraction: Evidence for Structural and Functional Alterations, 2830**
- Reversed-phase HPLC**
- Plasma LDL and HDL Subspecies Are Heterogenous in Particle Content of Tocopherols and Oxygenated and Hydrocarbon Carotenoids, 786
- Reynolds number**
- Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries *in Vivo*: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061
- RGD-containing peptides**
- Triflavin Inhibits Platelet-Induced Vasoconstriction in De-endothelialized Aorta, 3461
- Risk factors**
- A ¹⁹²Arg Variant of the Human Paraoxonase (HUMPTONA) Gene Polymorphism Is Associated With an Increased Risk for Coronary Artery Disease in the Japanese, 3565
- A Prospective Case-Control Study of Lipoprotein(a) Levels and Apo(a) Size and Risk of Coronary Heart Disease in Stanford Five-City Project Participants, 239
- Alu-repeat Polymorphism in the Gene Coding for Tissue-Type Plasminogen Activator (t-PA) and Risks of Myocardial Infarction Among Middle-aged Men, 1687
- Coagulation Factor VII and the Risk of Coronary Heart Disease in Healthy Men, 1539
- Does Insulin Resistance Unite the Separate Components of the Insulin Resistance Syndrome?: Evidence From the Miami Community Health Study, 2413
- Factor VII, Cholesterol, and Triglycerides: The CARDIA Study, 51
- Genotype Distribution of Estrogen Receptor Polymorphisms in Men and Postmenopausal Women From Healthy and Coronary Populations and Its Relation to Serum Lipid Levels, 3006
- Hopelessness and 4-Year Progression of Carotid Atherosclerosis: The Kuopio Ischemic Heart Disease Risk Factor Study, 1490
- Lipoprotein(a) Interactions With Lipid and Nonlipid Risk Factors in Early Familial Coronary Artery Disease, 2783
- Plasma Total Homocysteine, B Vitamins, and Risk of Coronary Atherosclerosis, 989
- Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695
- Russell's viper venom**
- The Effect of Immunodepletion of Antithrombin III on the Response of Rabbits to Russell's Viper Venom-Induced Activation of factor X, 409
- S**
- Saphenous vein**
- Induction of Cyclooxygenase-2 in Human Saphenous Vein and Internal Mammary Artery, 1644
- Sarafotoxin**
- Enhanced Endothelin-B-Receptor-Mediated Vasoconstriction of Small Porcine Coronary Arteries in Diet-Induced Hypercholesterolemia, 2737
- Saturated fat**
- Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657
- Scavenger receptors**
- Acetylated LDL Endocytosis by the Human Monocytic Mono Mac 6s Cells Is Not Mediated by the Macrophage Types I and II Scavenger Receptors, 1024
- CLA-1 Is an 85-kD Plasma Membrane Glycoprotein That Acts as a High-Affinity Receptor for Both Native (HDL, LDL, and VLDL) and Modified (OxLDL and AcLDL) Lipoproteins, 2341
- Evidence for Prolonged Cell-Surface Contact of Acetyl-LDL Before Entry Into Macrophages, 1421
- Evidence That Human Fcγ Receptor IIA (CD32) Subtypes Are Not Receptors for Oxidized LDL, 3248
- Expression of the PAF Receptor in Human Monocyte-Derived Macrophages Is Downregulated by Oxidized LDL: Relevance to the Inflammatory Phase of Atherogenesis, 954
- Independent Mechanisms for Macrophage Binding and Macrophage Phagocytosis of Damaged Erythrocytes: Evidence of Receptor Cooperativity, 3442
- Regulation of Scavenger Receptor Expression in Smooth Muscle Cells by Protein Kinase C: A Role For Oxidative Stress, 969
- Role of Activin-A and Follistatin in Foam Cell Formation of THP-1 Macrophages, 2389
- Scavenger Receptors are Present on Rabbit Aortic Endothelial Cells *In Vivo*, 2369
- Seasonal variation**
- Seasonal Variations of Rheological and Hemostatic Parameters and Acute-Phase Reactants in Young, Healthy Subjects, 2692
- Secretion**
- Synthesis and Secretion of von Willebrand Factor and Fibronectin in Megakaryocytes at Different Phases of Maturation, 797
- Secretoneurin**
- Inhibition of Proliferation and Stimulation of Migration of Endothelial Cells by Secretoneurin *In Vitro*, 932
- Response of Vascular Smooth Muscle Cells to the Neuropeptide Secretoneurin: A Functional Role for Migration and Proliferation *In Vitro*, 2029
- Segregation analysis**
- Etiologic Heterogeneity of Hyperapobetalipoproteinemia (HyperapoB): Results From Segregation Analysis in Families With Premature Coronary Artery Disease, 2729
- Selectins**
- Deficiency of Inflammatory Cell Adhesion Molecules Protects Against Atherosclerosis in Mice, 1517
- Molecular Determinants of Oxidized Low-Density Lipoprotein-Induced Leukocyte Adhesion and Microvascular Dysfunction, 437
- Serotonin**
- Triflavin Inhibits Platelet-Induced Vasoconstriction in De-endothelialized Aorta, 3461
- Serum markers**
- Associations Between Diet and the Hyperapobetalipoproteinemia Phenotype Expression in Children and Young Adults: The Cardiovascular Risk in Young Finns Study, 820
- Association of Apo E Polymorphism With Plasma Lipid Levels in a Multiethnic Elderly Population, 3534
- Circulating Vascular Cell Adhesion Molecule-1 Correlates With the Extent of Human Atherosclerosis in Contrast to Circulating Intercellular Adhesion Molecule-1, E-Selectin, P-Selectin, and Thrombomodulin, 505
- Liver LDL Receptor mRNA Expression Is Decreased in Human ApoB/CETP Double Transgenic Mice and Is Regulated by Diet as Well as the Cytokine Oncostatin M, 2948

Sex

- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95
 Impact of Gender on the Metabolism of Apolipoprotein A-I in HDL Subclasses LpAI and LpAI:AII in Older Subjects, 3513

Shear rate and stress

- Evaluation of Endothelial Shear Stress and 3D Geometry as Factors Determining the Development of Atherosclerosis and Remodeling in Human Coronary Arteries *In Vivo*: Combining 3D Reconstruction From Angiography and IVUS (ANGUS) With Computational Fluid Dynamics, 2061

- Reactive Oxygen Species Are Involved in Shear Stress-Induced Intercellular Adhesion Molecule-1 Expression in Endothelial Cells, 3570

- Shear-Induced Platelet Activation and Platelet Microparticle Formation at Blood Flow Conditions as in Arteries With a Severe Stenosis, 646

- Shear Stress as an Inhibitor of Vascular Smooth Muscle Cell Proliferation: Role of Transforming Growth Factor- β 1 and Tissue-Type Plasminogen Activator, 1512

- Shear Stress Gradients Remodel Endothelial Monolayers *In Vitro* via a Cell Proliferation-Migration-Loss Cycle, 3102

Shuttling

- Remodeling and Shuttling: Mechanisms for the Synergistic Effects Between Different Acceptor Particles in the Mobilization of Cellular Cholesterol, 383

Sialic acid

- Interaction of Very-Low-Density, Intermediate-Density, and Low-Density Lipoproteins With Human Arterial Wall Proteoglycans, 2507

Signal transduction

- Activation of Mitogen-Activated Protein Kinases (ERK/JNK) and AP-1 Transcription Factor in Rat Carotid Arteries After Balloon Injury, 2808

- α IIb β 3 Redistribution Triggered by Receptor Cross-Linking, 3311

- Oxidized LDL Stimulates Mitogen-Activated Protein Kinases in Smooth Muscle Cells and Macrophages, 141

- Signal Transduction Through Trimeric G Proteins in Megakaryoblastic Cell Lines, 1830

Simvastatin

- No Influence of Simvastatin Treatment on Platelet Function *In Vivo* in Patients With Hypercholesterolemia, 273

SM22 α

- Identification of Osteoglycan as a Component of the Vascular Matrix: Differential Expression by Vascular Smooth Muscle Cells During Neointima Formation and in Atherosclerotic Plaques, 2437

Small, dense LDL

- A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72

- Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542

- Nonobese Patients With Familial Combined Hyperlipidemia Are Insulin Resistant Compared With Their Nonaffected Relatives, 1465

Smoking

- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95

- Isoprostanes: Potential Markers of Oxidant Stress in Atherosclerotic Disease, 2309

- Postprandial Elevation of ApoB-48-Containing Triglyceride-Rich Particles and Retinyl Esters in Normolipemic Males Who Smoke, 2096

- Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695

- Risk of Coronary Heart Disease and Activation of Factor XII in Middle-Aged Men, 2103

- Urbanization Elicits a More Atherogenic Lipoprotein Profile in Carriers of the Apolipoprotein A-IV-2 Allele Than in A-IV-1 Homozygotes, 1074

Smooth muscle cells

- Antifibrinolytic Properties of the Vascular Wall: Dependence on the History of Smooth Muscle Cell Doublings *In Vitro* and *In Vivo*, 723

- Bimodal Effects of Angiotensin II on Migration of Human and Rat Smooth Muscle Cells: Direct Stimulation and Indirect Inhibition Via Transforming Growth Factor- β 1, 1251

- Cellular Dynamics in Early Atherosclerotic Lesion Progression in White Carneau Pigeons: Spatial and Temporal Analysis of Monocyte and Smooth Muscle Invasion of the Intima, 654

- Coordinated Effects of Fibroblast Growth Factor-2 on Expression of Fibrillar Collagens, Matrix Metalloproteinases, and Tissue Inhibitors of Matrix Metalloproteinases by Human Vascular Smooth Muscle Cells: Evidence for Repressed Collagen Production and Act, 475

- Differential Roles of AT₁ and AT₂ Receptor Subtypes in Vascular Trophic and Phenotypic Changes in Response to Stimulation With Angiotensin II, 257

- Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665

- Differentiation, Dedifferentiation, and Apoptosis of Smooth Muscle Cells During the Development of the Human Ductus Arteriosus, 1003

- Effect of Phenotype on the Transcription of the Genes for Platelet-Derived Growth Factor (PDGF) Isoforms in Human Smooth Muscle Cells, Monocyte-Derived Macrophages, and Endothelial Cells *In Vitro*, 2897

- Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200

- Glucocorticoids Stimulate Cholesteryl Ester Formation in Human Smooth Muscle Cells, 1143

- Homocysteine as a Risk Factor for Vascular Disease: Enhanced Collagen Production and Accumulation by Smooth Muscle Cells, 2074

- Induction of Vascular SMC Proliferation by Urokinase Indicates a Novel Mechanism of Action in Vasoproliferative Disorders, 2848

- Inhibition of Platelet-Derived Growth Factor BB-Induced Expression of Glyceraldehyde-3-Phosphate Dehydrogenase by Sodium Butyrate in Rat Vascular Smooth Muscle Cells, 3420

- Involvement of Phosphatidylcholine Hydrolysis by Phospholipase D in Extracellular ATP-Induced Arachidonic Acid Release in Aortic Smooth Muscle Cells, 295

- Monounsaturated and Polyunsaturated n-6 Fatty Acid-Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis, 2088

- Myosin Gene Expression and Cell Phenotypes in Vascular Smooth Muscle During Development, in Experimental Models, and in Vascular Disease, 1210

- Natriuretic Peptide Family as a Novel Antimigration Factor of Vascular Smooth Muscle Cells, 731

- Overexpression of the P2Y₂ Purinoceptor in Intimal Lesions of the Rat Aorta, 3602

- Oxidized LDL Stimulates Mitogen-Activated Protein Kinases in Smooth Muscle Cells and Macrophages, 141

- Possible Mechanisms of Collar-Induced Intimal Thickening, 1924

- Quantitation of Platelet-Derived Growth Factor Receptors in Human Arterial Smooth Muscle Cells *In Vitro*, 2395

- Reduced Responsiveness of Hypercholesterolemic Rabbit Aortic Smooth Muscle Cells to Nitric Oxide, 394

- Regulation of Tumor Necrosis Factor- α and Interleukin-1 β Induced Adhesion Molecule Expression in Human Vascular Smooth Muscle Cells by cAMP, 2568

- Remodeling With Neointima Formation in the Mouse Carotid Artery After Cessation of Blood Flow, 2238

- Response of Vascular Smooth Muscle Cells to the Neuropeptide Secretinorelin: A Functional Role for Migration and Proliferation *In Vitro*, 2029

- Role of Tyrosine Kinases in Extracellular Matrix-Mediated Modulation of Arterial Smooth Muscle Cell Phenotype, 1977**
- Short-term Exposure to Thapsigargin Inhibits Neointima Formation in Human Saphenous Vein, 2500**
- Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203**
- Smooth Muscle Cells Express Granulocyte-Macrophage Colony-Stimulating Factor in the Undiseased and Atherosclerotic Human Coronary Artery, 2489**
- Thrombin Stimulates Syndecan-1 Promotor Activity and Expression of a Form of Syndecan-1 That Binds Antithrombin III in Vascular Smooth Muscle Cells, 2609**
- Tissue Prothrombin: Universal Distribution in Smooth Muscle, 2430**
- Tumor Necrosis Factor- α Activates Smooth Muscle Cell Migration in Culture and Is Expressed in the Balloon-Injured Rat Aorta, 490**
- Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery, 3174**
- Vascular Myofibroblasts: Lessons From Coronary Repair and Remodeling, 417**
- Smoothelin**
Differentiation of Smooth Muscle Cells in Human Blood Vessels as Defined by Smoothelin, a Novel Marker for the Contractile Phenotype, 665
- Socioeconomic status**
Socioeconomic Status and Progression of Carotid Atherosclerosis: Prospective Evidence From the Kuopio Ischemic Heart Disease Risk Factor Study, 513
- Sodium butyrate**
Inhibition of Platelet-Derived Growth Factor BB-Induced Expression of Glyceraldehyde-3-Phosphate Dehydrogenase by Sodium Butyrate in Rat Vascular Smooth Muscle Cells, 3420
- Soluble molecules**
Soluble Vascular Cell Adhesion Molecule-1 as a Biohumoral Correlate of Atherosclerosis, 2646
The Relationship of Soluble Fibrin and Cross-linked Fibrin Degradation Products to the Clinical Course of Myocardial Infarction, 628
- Soy protein**
Soy Protein Versus Soy Phytoestrogens in the Prevention of Diet-Induced Coronary Artery Atherosclerosis of Male Cynomolgus Monkeys, 2524
- Sphingomyelin**
HDL Phospholipid Content and Composition as a Major Factor Determining Cholesterol Efflux Capacity From Fu5AH Cells to Human Serum, 2685
- Spironolactone**
Prevention of Aortic Fibrosis by Spironolactone in Spontaneously Hypertensive Rats, 1152
- Src**
Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278
- SSCP**
A Common Mutation in the Lipoprotein Lipase Gene Promoter, -93T/G, Is Associated With Lower Plasma Triglyceride Levels and Increased Promoter Activity In Vitro, 1969
- Stable isotopes**
A Familial Combined Hyperlipidemic Kindred With Impaired Apolipoprotein B Catabolism: Kinetics of Apolipoprotein B During Placebo and Pravastatin Therapy, 72
Homozygous Familial Defective Apolipoprotein B-100: Enhanced Removal of Apolipoprotein E-Containing VLDLs and Decreased Production of LDLs, 348
Metabolic Basis of Hypotriglyceridemic Effects of Insulin in Normal Men, 1454
Subjects With ApoA-I(Lys₁₀₇->0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With All), 873
- Stem cells**
Cellular Heterogeneity of the Vascular Tunica Media: Implications for Vessel Wall Repair, 1868
- Stenosis**
Do Plaques Grow Upstream or Downstream? 912
Peripheral Vascular Stenosis in Apolipoprotein E-Deficient Mice: Potential Roles of Lipid Deposition, Medial Atrophy, and Adventitial Inflammation, 3593
Shear-Induced Platelet Activation and Platelet Microparticle Formation at Blood Flow Conditions as in Arteries With a Severe Stenosis, 646
- Stents**
Apoptosis After Stent Implantation Compared With Balloon Angioplasty in Rabbits: Role of Macrophages, 2383
- Stress**
Behaviorally Elicited Heart Rate Reactivity and Atherosclerosis in Ovariectomized Cynomolgus Monkeys (*Macaca fascicularis*), 1774
- Stroke**
Gender-Specific Associations of the Fibrinogen B β 448 Polymorphism, Fibrinogen Levels, and Acute Cerebrovascular Disease, 589
Hemostatic Factors as Predictors of Ischemic Heart Disease and Stroke in the Edinburgh Artery Study, 3321
The Apolipoprotein E and β -Fibrinogen G/A-455 Gene Polymorphisms Are Associated With Ischemic Stroke Involving Large-Vessel Disease, 2880
- Stromelysin-1**
Thrombin Receptor-Mediated Increase of Two Matrix Metalloproteinases, MMP-1 and MMP-3, in Human Endothelial Cells, 1931
- Strong Heart Study**
Relation of LDL Size to the Insulin Resistance Syndrome and Coronary Heart Disease in American Indians: The Strong Heart Study, 2713
- Sublethal injury**
Oxidized LDL Mediates the Release of Fibroblast Growth Factor-1, 445
- Sudanophilia**
Influence of the Geometry of the Left Main Coronary Artery Bifurcation on the Distribution of Sudanophilia in the Daughter Vessels, 1356
- Superoxide**
Mitochondrial Function Is Involved in LDL Oxidation Mediated by Human Cultured Endothelial Cells, 1575
Vascular Superoxide Dismutase Deficiency Impairs Endothelial Vasodilator Function Through Direct Inactivation of Nitric Oxide and Increased Lipid Peroxidation, 2975
- Syndecans**
Syndecan-4 Is a Primary-Response Gene Induced by Basic Fibroblast Growth Factor and Arterial Injury in Vascular Smooth Muscle Cells, 172
Thrombin Stimulates Syndecan-1 Promotor Activity and Expression of a Form of Syndecan-1 That Binds Antithrombin III in Vascular Smooth Muscle Cells, 2609
- Synthesis**
Design of a New Class of Amphipathic Helical Peptides for the Plasma Apolipoproteins That Promote Cellular Cholesterol Efflux But Do Not Activate LCAT, 580
Synthesis and Secretion of von Willebrand Factor and Fibronectin in Megakaryocytes at Different Phases of Maturation, 797
- T**
- T cells**
Fas Is Expressed in Human Atherosclerotic Intima and Promotes Apoptosis of Cytokine-Primed Human Vascular Smooth Muscle Cells, 2200
- Tamoxifen**
Tamoxifen Inhibits Arterial Accumulation of LDL Degradation Products and Progression of Coronary Artery Atherosclerosis in Monkeys, 403

Tangier disease

Decreased Reverse Cholesterol Transport from Tangier Disease Fibroblasts: Acceptor Specificity and Effect of Brefeldin on Lipid Efflux, 1813

Testosterone

Androgen Deprivation Is Associated With Enhanced Endothelium-Dependent Dilatation in Adult Men, 2004

Gender-Specific Differences in the Effects of Testosterone and Estrogen on the Development of Atherosclerosis in Rabbits, 2192

Relationship Between Serum Sex Hormones and Coronary Artery Disease in Postmenopausal Women, 695

Tetradecylthioacetic acid

Tetradecylthioacetic Acid Inhibits the Oxidative Modification of Low Density Lipoprotein and 8-Hydroxydeoxyguanosine Formation in Vitro, 3255

Therapeutic angiogenesis

Manipulating Angiogenesis: From Basic Science to the Bedside, 605

Therapy

Large Versus Small Unilamellar Vesicles Mediate Reverse Cholesterol Transport In Vivo Into Two Distinct Hepatic Metabolic Pools: Implications for the Treatment of Atherosclerosis, 2132

THP-1 macrophages

Evidence for Hormone-Sensitive Lipase mRNA Expression in Human Monocyte/Macrophages, 3428

Thrombin

Persistent Thrombin Generation During Heparin Therapy in Patients With Acute Coronary Syndromes, 1325

Thrombin-Induced Thromboxane Synthesis by Human Platelets: Properties of an Anion Binding Exosite I-Independent Receptor, 3519

Thrombin Promotes Activation of Matrix Metalloproteinase-2 Produced by Cultured Vascular Smooth Muscle Cells, 483

Thrombin Receptor-Mediated Increase of Two Matrix Metalloproteinases, MMP-1 and MMP-3, in Human Endothelial Cells, 1931

Thrombin Stimulates Syndecan-1 Promotor Activity and Expression of a Form of Syndecan-1 That Binds Antithrombin III in Vascular Smooth Muscle Cells, 2609

Thrombin receptors

Thrombin-Induced Thromboxane Synthesis by Human Platelets: Properties of an Anion Binding Exosite I-Independent Receptor, 3519

Thrombin Receptor-Mediated Increase of Two Matrix Metalloproteinases, MMP-1 and MMP-3, in Human Endothelial Cells, 1931

 β -Thromboglobulin

No Influence of Simvastatin Treatment on Platelet Function In Vivo in Patients With Hypercholesterolemia, 273

Thrombolysis

Genetic Variation in Factor VII Associated with Variation in Plasma Lipoprotein(a) Concentration, 1701

Thrombomodulin

Consequences of Hyperhomocyst(e)inemias on Vascular Function in Atherosclerotic Monkeys, 2930

Protein C Activation and Factor Va Inactivation on Human Umbilical Vein Endothelial Cells, 2765

The Thrombomodulin/Protein C/Protein S Anticoagulant Pathway Modulates the Thrombogenic Properties of the Normal Resting and Stimulated Endothelium, 520

Thrombomodulin Expression in Bovine Brain Capillaries: Anticoagulant Function of the Blood-Brain Barrier, Regional Differences, and Regulatory Mechanisms, 3139

Thrombophilia

Factor V^{Leiden} and Thrombophilia, 620

Hyperhomocyst(e)inemias and a Common Methylenetetrahydrofolate Reductase Mutation (Ala223Val MTHFR) in Patients With Inherited Thrombophilic Coagulation Defects, 2924

Thrombosis

A Prothrombin Gene Mutation Is Significantly Associated With Venous Thrombosis, 2875

Alu-repeat Polymorphism in the Gene Coding for Tissue-Type Plasminogen Activator (t-PA) and Risks of Myocardial Infarction Among Middle-aged Men, 1687

Calreticulin, a Potential Vascular Regulatory Protein, Reduces Intimal Hyperplasia After Arterial Injury, 2359

D-Dimer and Anticoagulation in Patients With Mechanical Prosthetic Heart Valves: A 2-Year Follow-up, 1320

Effect of Advanced Glycation End Product-Modified Albumin on Tissue Factor Expression by Monocytes: Role of Oxidant Stress and Protein Tyrosine Kinase Activation, 2885

Lifetime Smoking Exposure Affects the Association of C-Reactive Protein With Cardiovascular Disease Risk Factors and Subclinical Disease in Healthy Elderly Subjects, 2167

Modulation of Tissue Factor Protein Expression in Experimental Venous Bypass Grafts, 1313

Native Macromolecular Heparin Proteoglycans Exocytosed From Stimulated Rat Serosal Mast Cells Strongly Inhibit Platelet-Collagen Interactions, 3578

Platelet Activation in Flowing Blood Passing Growing Arterial Thrombi, 1331

Regulation of the Tissue Factor Gene in Human Monocytic Cells: Role of AP-1, NF- κ B/Rel, and Sp1 Proteins in Uninduced and Lipopolysaccharide-Induced Expression, 365

Relation of Plaque Lipid Composition and Morphology to the Stability of Human Aortic Plaques, 1337

Structural Aspects of Heparin Responsible for Interactions With von Willebrand Factor, 925

The Antiahesive and Antithrombotic Effects of the Nitric Oxide Donor SIN-1 Are Combined With a Decreased Vasoconstriction in a Porcine Model of Balloon Angioplasty, 1806

The Thrombomodulin/Protein C/Protein S Anticoagulant Pathway Modulates the Thrombogenic Properties of the Normal Resting and Stimulated Endothelium, 520

Tissue Factor Expression on Macrophages in Coronary Plaques in Patients With Unstable Angina, 2232

Vastatins Inhibit Tissue Factor in Cultured Human Macrophages: A Novel Mechanism of Protection Against Atherosclerosis, 265

Thrombosis drug therapy

Early Administration of Intravenous Magnesium Inhibits Arterial Thrombus Formation, 3620

Thrombospondin-1

Evidence for an α -Granular Pool of the Cytoskeletal Protein α -Actinin in Human Platelets That Redistributions With the Adhesive Glycoprotein Thrombospondin-1 During the Exocytic Process, 2293

Thrombospondin-1 Is a Potent Mitogen and Chemoattractant for Human Vascular Smooth Muscle Cells, 2107

Thromboxanes

Continued Thromboxane A₂ Formation Despite Administration of a Platelet Glycoprotein IIb/IIIa Antagonist in Patients Undergoing Coronary Angioplasty, 3224

In Vivo Formation of 8-Epi-Prostaglandin F₂_a Is Increased in Hypercholesterolemia, 3230

Low-Affinity Thromboxane Receptor Mediates Proliferation in Cultured Vascular Smooth Muscle Cells of Rats, 1274

No Influence of Simvastatin Treatment on Platelet Function In Vivo in Patients With Hypercholesterolemia, 273

Thrombin-Induced Thromboxane Synthesis by Human Platelets: Properties of an Anion Binding Exosite I-Independent Receptor, 3519

Triflavins Inhibits Platelet-Induced Vasoconstriction in De-endothelialized Aorta, 3461

Thrombus

Antithrombotic Efficacy of Inactivated Active Site Recombinant Factor VIIa Is Shear Dependent in Human Blood, 3049

Relative Involvement of GPIb/IX-VWF Axis and GPIIb/IIIa in Thrombus Growth at High Shear Rates in the Guinea Pig, 919

Water Diffusion Properties of Human Atherosclerosis and Thrombosis Measured by Pulse Field Gradient Nuclear Magnetic Resonance, 542

Tissue factor

- Acidic and Basic Fibroblast Growth Factors Suppress Transcriptional Activation of Tissue Factor and Other Inflammatory Genes in Endothelial Cells, 940
- Antithrombotic Efficacy of Inactivated Active Site Recombinant Factor VIIa Is Shear Dependent in Human Blood, 3049
- Effect of Advanced Glycation End Product-Modified Albumin on Tissue Factor Expression by Monocytes: Role of Oxidant Stress and Protein Tyrosine Kinase Activation, 2885
- Effect of Human Recombinant Interleukin-6 and Interleukin-8 on Monocyte Procoagulant Activity, 3399
- Human Brain Pericytes Differentially Regulate Expression of Procoagulant Enzyme Complexes Comprising the Extrinsic Pathway of Blood Coagulation, 1
- Inhibition of Tissue Factor Gene Activation in Cultured Endothelial Cells by Curcumin: Suppression of Activation of Transcription Factors Egr-1, AP-1, and NF- κ B, 3406
- Notoginsenoside R1 Counteracts Endotoxin-Induced Activation of Endothelial Cells In Vitro and Endotoxin-Induced Lethality in Mice In Vivo, 465
- Regulation of the Tissue Factor Gene in Human Monocytic Cells: Role of AP-1, NF- κ B/Rel, and Sp1 Proteins in Uninduced and Lipopolysaccharide-Induced Expression, 365
- Tissue Factor Expression on Macrophages in Coronary Plaques in Patients With Unstable Angina, 2232

Tissue factor pathway inhibitor

- Tissue Factor Pathway Inhibitor in Endothelial Cells Colocalizes With Glycolipid Microdomains/Caveolae: Regulatory Mechanism(s) of the Anticoagulant Properties of the Endothelium, 2964

Tissue repair

- Thrombin Promotes Activation of Matrix Metalloproteinase-2 Produced by Cultured Vascular Smooth Muscle Cells, 483

Tissue-type plasminogen activator

- Endothelium-Dependent Vasodilation and Tissue-Type Plasminogen Activator Release in Borderline Hypertension, 3376

- Fibrinolytic Activity Is Similar in Physically Active Men With and Without a History of Myocardial Infarction, 1106

- Hemostatic Factors as Predictors of Ischemic Heart Disease and Stroke in the Edinburgh Artery Study, 3321

- Involve of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells, 2177

- Plasma Protein C Inhibitor Is Elevated in Survivors of Myocardial Infarction, 114

- Plasminogen Activator Inhibitor-1 (PAI-1) Antigen Plasma Levels in Subjects Attending a Metabolic Ward: Relation to Polymorphisms of PAI-1 and Angiotensin Converting Enzyme (ACE) Genes, 2082

- Shear Stress as an Inhibitor of Vascular Smooth Muscle Cell Proliferation: Role of Transforming Growth Factor- β 1 and Tissue-Type Plasminogen Activator, 1512

TNF- α

- DNA Fragmentation and Ultrastructural Changes of Degenerating Cells in Atherosclerotic Lesions and Smooth Muscle Cells Exposed to Oxidized LDL In Vitro, 2225

- Notoginsenoside R1 Counteracts Endotoxin-Induced Activation of Endothelial Cells In Vitro and Endotoxin-Induced Lethality in Mice In Vivo, 465

- Platelet-Activating Factor and Oxidized LDL Induce Immune Activation by a Common Mechanism, 963

- Tumor Necrosis Factor- α Activates Smooth Muscle Cell Migration in Culture and Is Expressed in the Balloon-Injured Rat Aorta, 490

 α -Tocopherol

- Dose-Response Comparison of *RRR*- α -Tocopherol and All-Racemic α -Tocopherol on LDL Oxidation, 2273

- Effect of α -Tocopherol (Vitamin E) and β -Carotene Supplementation on the Incidence of Intermittent Claudication in Male Smokers, 3475

The Redox Status of Coenzyme Q10 in Total LDL as an Indicator of In Vivo Oxidative Modification: Studies on Subjects With Familial Combined Hyperlipidemia, 127

Toxicity

- HDL and ApoA Prevent Cell Death of Endothelial Cells Induced by Oxidized LDL, 2158

trans-Fatty acids

- Plasma Lipoprotein (a) Levels in Men and Women Consuming Diets Enriched in Saturated, *Cis*-, or *Trans*-Monounsaturated Fatty Acids, 1657

Transcription

- Distal Apolipoprotein C-III Regulatory Elements F to J Act as a General Modular Enhancer for Proximal Promoters That Contain Hormone Response Elements: Synergism Between Hepatic Nuclear Factor-4 Molecules Bound to the Proximal Promoter and Distal Enhancer Sites, 222

- Regulation of the Tissue Factor Gene in Human Monocytic Cells: Role of AP-1, NF- κ B/Rel, and Sp1 Proteins in Uninduced and Lipopolysaccharide-Induced Expression, 365

Transcription factors

- Activation of Mitogen-Activated Protein Kinases (ERK/JNK) and AP-1 Transcription Factor in Rat Carotid Arteries After Balloon Injury, 2808

- Inhibition of Tissue Factor Gene Activation in Cultured Endothelial Cells by Curcumin: Suppression of Activation of Transcription Factors Egr-1, AP-1, and NF- κ B, 3406

Transforming growth factors

- Bimodal Effects of Angiotensin II on Migration of Human and Rat Smooth Muscle Cells: Direct Stimulation and Indirect Inhibition Via Transforming Growth Factor- β 1, 1251

- Inhibition of Protein Tyrosine Kinases Attenuates Increases in Expression of Transforming Growth Factor- β Isoforms and Their Receptors Following Arterial Injury, 2461

- Shear Stress as an Inhibitor of Vascular Smooth Muscle Cell Proliferation: Role of Transforming Growth Factor- β 1 and Tissue-Type Plasminogen Activator, 1512

Transgenic mice

- Cholesteryl Ester Transfer Protein Activity Enhances Plasma Cholesteryl Ester Formation: Studies in CETP Transgenic Mice and Human Genetic CETP Deficiency, 1045

- Fatty Streak Formation in Fat-Fed Mice Expressing Human Copper-Zinc Superoxide Dismutase, 1734

- Genetic Factors Precipitating Type III Hyperlipoproteinemia in Hypolipidemic Transgenic Mice Expressing Human Apolipoprotein E2, 2817

- HDL Deficiency in Genetically Engineered Mice Requires Elevated LDL to Accelerate Atherogenesis, 1725

- Liver LDL Receptor mRNA Expression Is Decreased in Human ApoB/CETP Double Transgenic Mice and Is Regulated by Diet as Well as the Cytokine Oncostatin M, 2948

Translation

- Intracellular Calcium Mobilization Suppresses the TNF- α -Stimulated Synthesis of PAI-1 in Human Endothelial Cells: Indications That Calcium Acts at a Translational Level, 1550

Transplantation

- Dose-Dependent Suppression of Transplant Arteriosclerosis in Aorta-Allografted, Cholesterol-Clamped Rabbits: Suppression Not Eliminated by the Cholesterol-Raising Effect of Cyclosporine, 2515

- Sustained Anti-CD4/CD8 Treatment Blocks Inflammatory Activation and Intimal Thickening in Mouse Heart Allografts, 2115

Triflavin

- Triflavin Inhibits Platelet-Induced Vasoconstriction in De-endothelialized Aorta, 3461

Triglyceride-rich lipoproteins

- Postprandial Elevation of ApoB-48-Containing Triglyceride-Rich Particles and Retinyl Esters in Normolipemic Males Who Smoke, 2096

- Prevalence of Double Pre-Beta Lipoproteinemia in Hyperlipidemic Patients Is Influenced by Gender, Menopausal Status, and ApoE Phenotype, 2630

- The Role of a Triplet Repeat Sequence of the Very Low Density Lipoprotein Receptor Gene in Plasma Lipid and Lipoprotein Level Variability in Humans, 2759
- Triglycerides**
- Assembly and Secretion of VLDL in Nondifferentiated Caco-2 Cells Stably Transfected With Human Recombinant ApoB48 cDNA, 2955
 - Chronic *Chlamydia pneumoniae* Infection Is Associated With a Serum Lipid Profile Known to Be a Risk Factor for Atherosclerosis, 2910
 - Deficiency of Cholesteryl Ester Transfer Protein: Description of the Molecular Defect and the Dissociation of Cholesteryl Ester and Triglyceride Transport in Plasma, 3433
 - Dietary Fat Clearance in Normal Subjects Is Modulated by Genetic Variation at the Apolipoprotein B Gene Locus, 1765
 - Dietary Fish Oil (4 g Daily) and Cardiovascular Risk Markers in Healthy Men, 3384
 - Differences in Insulin Suppression of Free Fatty Acid Levels by Gender and Glucose Tolerance Status: Relation to Plasma Triglyceride and Apolipoprotein B Concentrations, 64
 - Moderate Genetic Influences on Plasma Levels of Plasminogen Activator Inhibitor-1 and Evidence of Genetic and Environmental Influences Shared by Plasminogen Activator Inhibitor-1, Triglycerides, and Body Mass Index, 2776
 - Regulation of Lipoprotein Metabolism by Thiazolidinediones Occurs through a Distinct but Complementary Mechanism Relative to Fibrates, 1756
 - Relation of High TG-Low HDL Cholesterol and LDL Cholesterol to the Incidence of Ischemic Heart Disease: An 8-Year Follow-up in the Copenhagen Male Study, 1114
 - Relationship of LDL Size to Insulin Sensitivity in Normoglycemic Men, 1447
 - Role of Lipoprotein-Bound NEFAs in Enhancing the Specific Activity of Plasma CETP in the Nephrotic Syndrome, 2559
 - The Arg³⁵³Gln Polymorphism Reduces the Level of Coagulation Factor VII: In Vivo and in Vitro Studies, 2825
 - The Severity of Coronary Atherosclerosis in Type 2 Diabetes Mellitus Is Related to the Number of Circulating Triglyceride-Rich Lipoprotein Particles, 3633
 - Therapeutic Response to Medium-Chain Triglycerides and ω -3 Fatty Acids in a Patient With the Familial Chylomicronemia Syndrome, 1400
- Tropoelastin**
- Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203
- Tumors**
- Heterogeneity of Endothelial Cells: Specific Markers, 1193
 - Manipulating Angiogenesis: From Basic Science to the Bedside, 605
- Two-dimensional electrophoresis**
- Role of Free Apolipoprotein A-I in Cholesterol Efflux: Formation of Pre- α -Migrating High-Density Lipoprotein Particles, 1630
- Type III hyperlipoproteinemia**
- Genetic Factors Precipitating Type III Hyperlipoproteinemia in Hypolipidemic Transgenic Mice Expressing Human Apolipoprotein E2, 2817
 - The Apolipoprotein E2 (Arg145Cys) Mutation Causes Autosomal Dominant Type III Hyperlipoproteinemia With Incomplete Penetrance, 865
 - Uptake of Type III Hypertriglyceridemic VLDL by Macrophages Is Enhanced by Oxidation, Especially After Remnant Formation, 1707
- Tyrosine phosphorylation**
- A Role for Tyrosine Phosphorylation in Generation of Inositol Phosphates and Prostaglandin Production in Endothelial Cells, 287
 - Identification of the Src Family Kinases, Lck and Fgr in Platelets: Their Tyrosine Phosphorylation Status and Subcellular Distribution Compared With Other Src Family Members, 3278
 - PDGF Receptor Protein Tyrosine Kinase Expression in the Balloon-Injured Rat Carotid Artery, 1283
- Platelet-Derived Growth Factor β -Receptors Can Both Promote and Inhibit Chemotaxis in Human Vascular Smooth Muscle Cells, 2622
- Role of Tyrosine Kinases in Extracellular Matrix-Mediated Modulation of Arterial Smooth Muscle Cell Phenotype, 1977
- U**
- Ubiquinol-10**
- The Redox Status of Coenzyme Q10 in Total LDL as an Indicator of In Vivo Oxidative Modification: Studies on Subjects With Familial Combined Hyperlipidemia, 127
- Ultrafast computed tomography**
- Fibrinogen and Its Relations to Subclinical Extracoronary and Coronary Atherosclerosis in Hypercholesterolemic Men, 45
- Ultrasonography**
- Polyorphism of the Apolipoprotein E Gene and Early Carotid Atherosclerosis Defined by Ultrasonography in Asymptomatic Adults, 91
- Unfractionated heparin**
- Induction of the Acute-Phase Reaction Increases Heparin-Binding Proteins in Plasma, 1568
- Unstable angina**
- Tissue Factor Expression on Macrophages in Coronary Plaques in Patients With Unstable Angina, 2232
- Unstable lesions**
- The Unstable Atheroma, 1859
- Urokinase**
- Induction of Vascular SMC Proliferation by Urokinase Indicates a Novel Mechanism of Action in Vasoproliferative Disorders, 2848
- V**
- Vacuolar protein sorting**
- A Novel Mosaic Protein Containing LDL Receptor Elements Is Highly Conserved in Humans and Chickens, 996
- Valves**
- Detection of Osteopontin in Calcified Human Aortic Valves, 547
- Variants**
- Subjects With ApoA-I(Lys₁₀₇→0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII), 873
- Vascular disease**
- High Prevalence of Hyperhomocysteinemia and Asymptomatic Vascular Disease in Siblings of Young Patients With Vascular Disease and Hyperhomocysteinemia, 2655
- Vascular endothelium**
- Bacterial Toxins Block Endothelial Wound Repair: Evidence That Rho GTPases Control Cytoskeletal Rearrangements in Migrating Endothelial Cells, 1623
 - Egr-1 Is Activated in Endothelial Cells Exposed to Fluid Shear Stress and Interacts With a Novel Shear-Stress-Response Element in the PDGF A-Chain Promoter, 2280
 - Influence of the Geometry of the Left Main Coronary Artery Bifurcation on the Distribution of Sudanophilia in the Daughter Vessels, 1356
 - Lysophosphatidylcholine Inhibits Receptor-Mediated Ca²⁺ Mobilization in Intact Endothelial Cells of Rabbit Aorta, 1561
 - Molecular Determinants of Oxidized Low-Density Lipoprotein-Induced Leukocyte Adhesion and Microvascular Dysfunction, 437
 - N- α -Tosyl-L-Lysine Chloromethylketone Prevents Expression of iNOS in Vascular Smooth Muscle by Blocking Activation of NF- κ B, 672
- Vascular graft**
- Increased Blood Flow Induces Regression of Intimal Hyperplasia, 2245
- Vascular injury**
- Activation of Mitogen-Activated Protein Kinases (ERK/JNK) and AP-1 Transcription Factor in Rat Carotid Arteries After Balloon Injury, 2808

- The Watanabe Heritable Hyperlipidemic Rabbit Is a Suitable Experimental Model to Study Differences in Tissue Response Between Intimal and Medial Injury After Balloon Angioplasty, 3611
- Vascular remodeling**
- Smooth Muscle Cell Heterogeneity in Pulmonary and Systemic Vessels: Importance in Vascular Disease, 1203
 - Thrombin Promotes Activation of Matrix Metalloproteinase-2 Produced by Cultured Vascular Smooth Muscle Cells, 483
- Vascular smooth muscle cells**
- Dopamine as a Novel Antimigration and Antiproliferative Factor of Vascular Smooth Muscle Cells Through Dopamine D1-Like Receptors, 3164
 - Expression and Function of Recombinant Endothelial NO Synthase in Coronary Artery Smooth Muscle Cells, 2405
 - High Concentration of Glucose Increases Mitogenic Responsiveness to Heparin-Binding Epidermal Growth Factor-like Growth Factor in Rat Vascular Smooth Muscle Cells, 1962
 - Inhibition of Collagen Synthesis, Smooth Muscle Cell Proliferation, and Injury-Induced Intimal Hyperplasia by Halofuginone, 194
 - Localization of Nonpancreatic Secretory Phospholipase A₂ in Normal and Atherosclerotic Arteries: Activity of the Isolated Enzyme on Low-Density Lipoproteins, 300
 - Low-Affinity Thromboxane Receptor Mediates Proliferation in Cultured Vascular Smooth Muscle Cells of Rats, 1274
 - N- α -Tosyl-L-Lysine Chloromethylketone Prevents Expression of iNOS in Vascular Smooth Muscle by Blocking Activation of NF- κ B, 672
 - Platelet-Derived Growth Factor β -Receptors Can Both Promote and Inhibit Chemotaxis in Human Vascular Smooth Muscle Cells, 2622
 - Shear Stress as an Inhibitor of Vascular Smooth Muscle Cell Proliferation: Role of Transforming Growth Factor- β 1 and Tissue-Type Plasminogen Activator, 1512
- Vascular structure**
- Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat, 1985
- Vascular surgery**
- Modulation of Tissue Factor Protein Expression in Experimental Venous Bypass Grafts, 1313
- Vascular testing**
- High Prevalence of Hyperhomocysteinemia and Asymptomatic Vascular Disease in Siblings of Young Patients With Vascular Disease and Hyperhomocysteinemia, 2655
- Vascular wall repair**
- Cellular Heterogeneity of the Vascular Tunica Media: Implications for Vessel Wall Repair, 1868
- Vasoconstriction**
- Importance of Platelets in Neutrophil Adhesion and Vasoconstriction After Arterial Injury by Angioplasty in Pigs, 1185
- Vasoprotection**
- Genistein, the Dietary-Derived Angiogenesis Inhibitor, Prevents LDL Oxidation and Protects Endothelial Cells From Damage by Atherogenic LDL, 2868
- Vasospasm**
- Insulin Resistance as an Independent Risk Factor for Carotid Artery Wall Intima Media Thickening in Vasospastic Angina, 3302
- VCAM-1**
- Circulating Vascular Cell Adhesion Molecule-1 Correlates With the Extent of Human Atherosclerosis in Contrast to Circulating Intercellular Adhesion Molecule-1, E-Selectin, P-Selectin, and Thrombomodulin, 505
- VE-cadherin**
- A General Strategy for Isolation of Endothelial Cells From Murine Tissues: Characterization of Two Endothelial Cell Lines From the Murine Lung and Subcutaneous Sponge Implants, 1599
- Vein grafts**
- Monocyte Chemoattractant Protein-1 Expression Is Associated With the Development of Vein Graft Intimal Hyperplasia, 1614
- Venous thrombosis**
- A Prothrombin Gene Mutation Is Significantly Associated With Venous Thrombosis, 2875
 - Factor V^{Leiden} and Thrombophilia, 620
 - Hyperhomocyst(e)inemias and a Common Methylenetetrahydrofolate Reductase Mutation (Ala223Val MTHFR) in Patients With Inherited Thrombophilic Coagulation Defects, 2924
 - The Heterozygous 2020 G/A Prothrombin Genotype Is Associated With Early Venous Thrombosis in Inherited Thrombophilias and Is Not Increased in Frequency in Artery Disease, 2418
- Vigilin**
- High-Density Lipoprotein-Binding Protein (HBP)/Vigilin Is Expressed in Human Atherosclerotic Lesions and Colocalizes With Apolipoprotein E, 2350
- Viscosity**
- In Vivo/In Vitro Comparison of Rat Abdominal Aorta Wall Viscosity: Influence of Endothelial Function, 1346
- Vitamin B**
- Excess Prevalence of Fasting and Postmethionine-Loading Hyperhomocysteinemia in Stable Renal Transplant Recipients, 1894
 - Plasma Total Homocysteine, B Vitamins, and Risk of Coronary Atherosclerosis, 989
- Vitamin C**
- Both Intracellular and Extracellular Vitamin C Inhibit Atherogenic Modification of LDL by Human Vascular Endothelial Cells, 1583
 - Vitamin C Reduces Cholesterol-Induced Microcirculatory Changes in Rabbits, 1178
- Vitamin E**
- Copper Ions Promote Peroxidation of Low Density Lipoprotein Lipid by Binding to Histidine Residues of Apolipoprotein B100, But They Are Reduced at Other Sites on LDL, 3338
 - Effect of α -Tocopherol (Vitamin E) and β -Carotene Supplementation on the Incidence of Intermittent Claudication in Male Smokers, 3475
 - In Vivo Formation of 8-Epi-Prostaglandin F_{2 α} Is Increased in Hypercholesterolemia, 3230
 - Vitamin E Inhibits Low-Density Lipoprotein-Induced Adhesion of Monocytes to Human Aortic Endothelial Cells In Vitro, 429
 - Vitamin E/Lipid Peroxide Ratio and Susceptibility of LDL to Oxidative Modification in Non-Insulin-Dependent Diabetes Mellitus, 1438
- Vitamin therapy**
- The Effects of Folic Acid Supplementation on Plasma Total Homocysteine Are Modulated by Multivitamin Use and Methylenetetrahydrofolate Reductase Genotypes, 1157
- VLDL**
- Bone Marrow Transplantation in Apolipoprotein E-Deficient Mice: Effect of ApoE Gene Dosage on Serum Lipid Concentrations, (β)VLDL Catabolism, and Atherosclerosis, 3117
 - Lipoprotein Heterogeneity and Apolipoprotein B Metabolism, 3542
 - Metabolic Basis of Hypotriglyceridemic Effects of Insulin in Normal Men, 1454
 - Uptake of Type III Hypertriglyceridemic VLDL by Macrophages Is Enhanced by Oxidation, Especially After Remnant Formation, 1707
- VLDL receptor**
- The Role of a Triplet Repeat Sequence of the Very Low Density Lipoprotein Receptor Gene in Plasma Lipid and Lipoprotein Level Variability in Humans, 2759
- von Willebrand factor**
- Complement C5b-9 Increases Plasminogen Binding and Activation on Human Endothelial Cells, 164
 - Evidence Against an Effect of Endothelin-1 on Blood Coagulation, Fibrinolysis, and Endothelial Cell Integrity in Healthy Men, 2861

- Involvement of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells, 2177
Redistribution of von Willebrand Factor in Porcine Carotid Arteries After Balloon Angioplasty, 1872
Relative Involvement of GPIb/IX-vWF Axis and GPIIb/IIIa in Thrombus Growth at High Shear Rates in the Guinea Pig, 919
Shear Stress-Induced Detachment of Blood Platelets From Various Surfaces, 3202
Structural Aspects of Heparin Responsible for Interactions With von Willebrand Factor, 925
Synthesis and Secretion of von Willebrand Factor and Fibronectin in Megakaryocytes at Different Phases of Maturation, 797

W***WAF1/CIP1 gene***

- Topographical Association Between the Cyclin-Dependent Kinases Inhibitor P21, p53 Accumulation, and Cellular Proliferation in Human Atherosclerotic Tissue, 2218

Waist-to-hip ratio

- Gender Differences in the Relationships Between Plasma Plasminogen Activator Inhibitor-1 Activity and Factors Linked to the Insulin Resistance Syndrome in Essential Hypertension, 553

Weight loss

- Regulation of Body Adiposity and the Problem of Obesity, 233

Women

- LDL Subclass Patterns and Lipoprotein Response to a Low-Fat, High-Carbohydrate Diet in Women, 707
Medroxyprogesterone Acetate Antagonizes Inhibitory Effects of Conjugated Equine Estrogens on Coronary Artery Atherosclerosis, 217
Soy Isoflavones Improve Systemic Arterial Compliance but Not Plasma Lipids in Menopausal and Perimenopausal Women, 3392

X***Xanthomatosis***

- Lipoprotein Lipase Correlates Positively and Hepatic Lipase Inversely With Calcific Atherosclerosis in Homozygous Familial Hypercholesterolemia, 354

Xba I polymorphism

- Dietary Fat Clearance in Normal Subjects Is Modulated by Genetic Variation at the Apolipoprotein B Gene Locus, 1765

Xenopus oocytes

- Functional Expression of a P_{2T} ADP Receptor in *Xenopus* Oocytes Injected With Megakaryocyte (CMK 11-5) RNA, 769

Y***Youth***

- Effects of Serum Lipoproteins and Smoking on Atherosclerosis in Young Men and Women, 95

